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WAR DEPARTMENT : : : OFFICE OF THE CHIEF OF STAFF  
DIVISION OF MILITIA AFFAIRS

# Infantry Equipment Manual

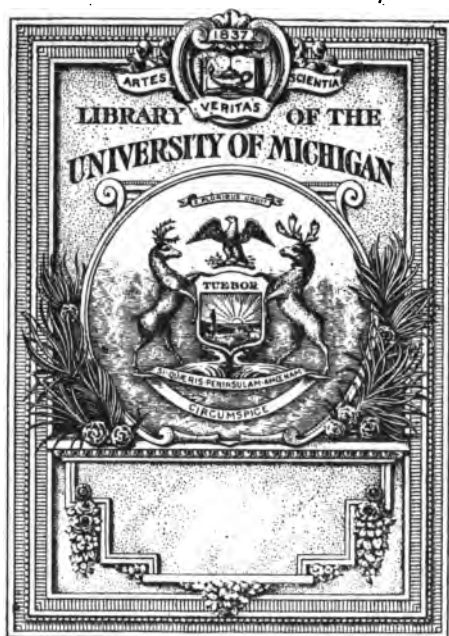
Organized Militia

PEACE

1914



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
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WAR DEPARTMENT : : : OFFICE OF THE CHIEF OF STAFF

*215 General Staff*

DIVISION OF MILITIA AFFAIRS

# Infantry Equipment Manual

Organized Militia

PEACE

1914



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1914





WAR DEPARTMENT,  
OFFICE OF THE CHIEF OF STAFF,  
DIVISION OF MILITIA AFFAIRS,  
*Washington, December 1, 1914.*

The equipment of Infantry organizations is prescribed in this Manual, which will take the place of all previous circulars and bulletins issued on this subject.

By order of the Secretary of War:

W. W. WOTHERSPOON,  
*Major General, Chief of Staff*

Official:

A. L. MILLS,  
*Brigadier General, General Staff,*  
*Chief Division of Militia Affairs.*



## CONTENTS.

Federal laws relating to equipment.....	Page. 7
Definitions.....	9
Prescribed equipment.....	10

### PART I.

Table 1. Ordnance property. Old model equipment.....	11
2. Ordnance property. Model 1910 equipment.....	15
3. Ordnance property. Machine-gun equipment.....	18
4. Signal property.....	21
5. Engineer property. Old model equipment.....	22
6. Engineer property. New model equipment.....	23
7. Medical supplies.....	24
8. Quartermaster property.....	24
9. Field uniform and clothing of enlisted men.....	29
10. Field uniform and equipment of officers.....	29
11. Annual allowance of cleaning material.....	31
12. Quartermaster property. Brigade headquarters.....	31

### PART II.

Tables of individual equipment.....	33
Distribution of intrenching tools.....	39
Surplus kits.....	39
Component parts of sets and kits.....	40
Care of property.....	51
Weights of various articles of equipment.....	58



## FEDERAL LAWS RELATING TO EQUIPMENT.

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The Federal laws relating to the equipment of the Organized Militia are as follows:

### SECTION 1661. REVISED STATUTES.

(Extract.)

SECTION 1. \* \* \* *Provided, however,* That no State shall be entitled to the benefits of the appropriation apportioned to it unless the number of regularly enlisted, organized, and uniformed active militia shall be at least one hundred men for each Senator and Representative to which such State is entitled in the Congress of the United States. \* \* \*

### THE AMENDED MILITIA LAW.

SEC. 13. That the Secretary of War is hereby authorized to procure, by purchase or manufacture, and issue from time to time to the Organized Militia, under such regulations as he may prescribe, such number of the United States service arms, together with all accessories and such other accouterments, equipments, uniforms, clothing, equipage, and military stores of all kinds required for the Army of the United States, as are necessary to arm, uniform, and equip all of the Organized Militia in the several States, Territories, and the District of Columbia, in accordance with the requirements of this act, without charging the cost or value thereof, or any expenses connected therewith, against the allotment of said State, Territory, or the District of Columbia out of the annual appropriation provided by section sixteen hundred and sixty-one of the Revised Statutes, as amended, or requiring payment therefor, and to exchange, without receiving any money credit therefor, ammunition or parts thereof suitable to the new arms, round for round, for corresponding ammunition suitable to the old arms heretofore issued to said State, Territory, or the District of Columbia by the United States: *Provided,* That said property shall remain the property of the United States, except as hereinafter provided, and be annually accounted for by the governors of the States and Territories as required by law, and that each State, Territory, and the District of Columbia shall, on receipt of new arms or equipments, turn in to the War Department, or otherwise dispose of in accordance with the directions of the Secretary of War, without receiving any money credit therefor, and without expense for transportation, all United States property so replaced or condemned. When the Organized Militia is uniformed as above required, the Secretary of War is authorized to fix an annual clothing allowance to each State, Territory, and the District of Columbia for each enlisted man of the Organized Militia thereof, and thereafter

issues of clothing to such States, Territories, and the District of Columbia shall be in accordance with such allowance, and the governors of the States and Territories and the commanding general of the militia of the District of Columbia shall be authorized to drop from their returns each year as expended clothing corresponding in value to such allowance. The Secretary of War is hereby further authorized to issue from time to time to the Organized Militia, under such regulations as he may prescribe, small arms and artillery ammunition upon the requisition of the governor, in the proportion of fifty per centum of the corresponding Regular Army allowance without charge to the State's allotment from the appropriation under section sixteen hundred and sixty-one, Revised Statutes, as amended. To provide means to carry into effect the provisions of this section, the necessary money to cover the cost of procuring, exchanging, or issuing of arms, accouterments, equipments, uniforms, clothing, equipage, ammunition, and military stores to be exchanged or issued hereunder is hereby appropriated out of any money in the Treasury not otherwise appropriated: *Provided*, That the sum expended in the execution of the purchases and issues provided for in this section shall not exceed the sum of two million dollars in any fiscal year: *Provided also*, That the Secretary of War shall annually submit to Congress a report of expenditures made by him in the execution of the requirements of this section.

SEC. 14. That whenever it shall appear by the report of inspections, which it shall be the duty of the Secretary of War to cause to be made at least once in each year by officers detailed by him for that purpose, that the Organized Militia of a State or Territory or of the District of Columbia is sufficiently armed, uniformed, and equipped for active duty in the field, the Secretary of War is authorized, on the request of the governor of such State or Territory, to pay to the quartermaster general thereof, or to such other officer of the militia of said State as the said governor may designate and appoint for the purpose, so much of its allotment out of the said annual appropriation under section sixteen hundred and sixty-one of the Revised Statutes, as amended, as shall be necessary for the payment, subsistence, and transportation of such portion of the Organized Militia as shall engage in actual field or camp service for instruction, \* \* \*.

SEC. 17. That the annual appropriation made by section sixteen hundred and sixty-one, Revised Statutes, as amended, shall be available for the purpose of providing for issue to the Organized Militia any stores and supplies or publications which are supplied to the Army by any department. Any State, Territory, or the District of Columbia may, with the approval of the Secretary of War, purchase for cash from the War Department, for the use of its militia, stores, supplies, matériel of war, or military publications, such as are furnished to the Army, in addition to those issued under the provisions of this act, at the price at which they are listed for issue to the Army, with the cost of transportation added, and the funds received from such sales shall be credited to the appropriations to which they belong and shall not be covered into the Treasury, but shall be available until expended to replace therewith the supplies sold to the States and Territories and to the District of Columbia in the manner herein provided.

## DEFINITIONS.

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*Field service* includes service in any of the following cases: In campaign, simulated campaign, or on the march. In mobilization, concentration, instruction, or maneuver camps.

*Equipment A*, as referred to herein, is the equipment for use in campaign, simulated campaign, or on the march, and includes the articles then worn on the person, carried on horse or pack mule, and transported in the wagons of combat trains and in the baggage section of field trains.

*Equipment B*, as referred to herein, is the equipment which, in addition to equipment A, is prescribed for the use of troops in mobilization, concentration, instruction, or maneuver camps, and during such pauses in operations against an enemy as permit of the better care of troops. Equipment B can accompany or follow troops only when other transportation—generally rail or boat—is available.

*Equipment C*, as referred to herein, includes every article necessary for field service, and is therefore the sum of equipment A plus equipment B.

*Armory equipment*, as referred to herein, includes those articles which are used for the purpose of armory instruction and for the care, preservation, and storage of property in armories, and which, ordinarily, do not accompany the troops into the field.

Articles distinctively for winter use are clearly indicated herein as for that season only. They do not form a part of the field equipment unless specially ordered by proper authority.

When troops are ordered to duty in campaign, simulated campaign, or on the march, equipment A only, omitting articles for winter use, will be taken. Equipment B, with such additions or deductions as may be ordered by proper authority, will be packed and marked ready for shipment, and will be left at the post or camp or with the nearest quartermaster, or with a designated officer, to be shipped as may then or subsequently be ordered.

When troops are ordered to duty in mobilization, concentration, instruction, or maneuver camps, equipment C, with such modifications as may be ordered by proper authority, will be taken.

During such pauses in operations as permit troops to be given more comforts than are practicable with equipment A only, the whole or part, as may be determined by proper authority, of equipment B should be brought up.

*Surplus kits* of the men are not, in time of war, transported in the field or combat trains or taken along with troops on the march. They should, however, be always included in such part of equipment B as may be in use by a command.

Only so much of the equipment of the medical corps officers and the hospital corps enlisted men attached to the regiment is prescribed herein as is to be furnished by the regimental supply officers.



The *field train* mentioned herein refers to the regimental or separate battalion field train and does not include the part of the divisional sanitary train temporarily with a regiment in time of peace.

The equipment prescribed for the different units is based on the minimum strength given in Tables of Organization, Organized Militia, 1914. The equipment for the war strength of the Organized Militia is the same as that prescribed for the war strength of the Regular Army. Where a State maintains organizations of a strength in excess of the prescribed minimum strength the individual equipments of the men should be increased accordingly.

Enlisted men detailed to serve in provisional organizations as acting noncommissioned officers, mounted orderlies, etc., are equipped for those duties.

#### PREScribed EQUIPMENT.

The equipment prescribed for the Organized Militia, when equipped with which it will be considered as sufficiently armed, uniformed, and equipped for active duty in the field within the meaning of section 14 of the militia law, is set forth in Part I of this manual.

The equipment prescribed herein is for the minimum strength as given in Tables of Organization, Organized Militia, 1914 (section VIII, Tables of Organization, United States Army, 1914). Where organizations are recruited to a number above the minimum the number of articles of individual equipment will be increased accordingly. This number may be computed from Table of Individual Equipment given in Part II of this manual.

The equipment for the Organized Militia at war strength is prescribed in the tables of equipment for the United States Army.

For equipment of the camp infirmary attached to a regiment of infantry see Manual for the Medical Department.

## PART I.

### THE PRESCRIBED EQUIPMENT.

NOTE.—When headquarters and supply companies are organized without the detailed personnel the personal equipment of these men should be omitted from the following tables. This equipment is given in Table of Individual Equipment, Part II.

**Table 1.—ORDNANCE PROPERTY.<sup>1</sup>**

[Old model equipment.]

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	Provisional organizations. <sup>2</sup>			918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Headquarters company.	Machine-gun company.	Supply company.	Total for the regiment (with provisional organizations).	
<i>Equipment A.<sup>1</sup></i>										
Bayonets.....				62	744	1		6	751	
Bayonet scabbards.....				62	744	1		6	751	
Bolos*.....				4	48		50		98	*For distribution in company, see p. 39.
Bolo scabbards.....				4	48		50		98	
Bridles, cavalry.....	1		1		4	23	4		27	
Bridles, watering*..	1		1		4	23	4		27	*Not necessary when cavalry bridle, model 1900, is issued.
Brushes and thongs*				62	744	20		10	774	*If any rifles are provided with spare-part container, this number will be reduced accordingly.
Canteens, cavalry...	5	28	1	3	72	54	50	27	167	
Canteens, infantry*				62	744	1		6	751	*Has canteen strap sewed to cover.
Canteen-haversack straps.	4	56		6	132	62	92	42	268	
Canteen straps, cavalry.*	3		1		6	23	4	6	33	*For mounted men only.
Cartridges, ball, cal. .30.*				5,580	66,960	1,800	19,200	900	88,860	*90 rounds per man.
Cartridges, ball, pistol, cal. .45.*	105	588	21	63	1,512	1,134	1,050	483	3,423	*21 rounds per man.

<sup>1</sup> Does not include personal ordnance equipment of officers. See p. 29.

<sup>2</sup> When these organizations exist omit equipment in columns 1 and 2, and equipment of battalion sergeant major in column 3.

\* Articles of individual equipment of the soldier, over and above the number required to equip the actual number of enlisted men of organizations, will be carried in equipment B.

NOTE.—For price of articles see "Price List of Small Arms, etc." (Ordnance publication No. 1879.)

TABLE 1.—*Ordnance property*—Continued.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
<i>Equipment A—Continued.</i>										
Cartridge belts, cal. .30, cavalry.						19			19	
Cartridge belts, cal. .30, infantry.				62	744	1		10	755	
Cartridge belt suspenders.				62	744	20		10	774	*1 carried in the combat train of each battalion. The remainder carried in equipment B. For component parts see p. 40.
Company repair kit.*				1	12	1		1	14	
Cups.	5	28	1	65	816	55	50	33	918	
Currycombs.	1		1		4	23	4		27	*4 for each 10 rifles.
Drift slides and pins.*				24	288	8		4	300	
Forks.	5	28	1	65	816	55	50	33	918	
Front sight covers.				62	744	20		10	774	
Gun slings.				62	744	20		10	774	
Halter headstalls*.	1		1		4	23	4		27	*For halter bridles of mules of machine-gun company, see Table 3.
Halter straps (or halter tieropes).	1		1		4	23	4		27	
Hand axes*.				3	36				36	*For distribution in company, see p. 39.
Hand-axe carriers.				3	36				36	
Haversacks.	2	28		65	810	32	46	27	885	
Horse brushes.	1		1		4	23	20		43	
Knives.	5	28	1	65	816	55	50	33	918	
Lariats.	1		1		4	23	4		27	
Lariat straps.	1		1		4	23	4		27	
Links.	1		1		4	23	4		27	
Magazines, pistol, extra.*	10	56	2	6	144	108	100	46	326	*2 for each pistol.
Magazine pockets, web, double.							19		19	
Marking outfit for stamping leather.*	1				1	1	1	1	3	*For component parts see p. 42. Outfits of regimental headquarters or headquarters company in equipment A. All others in equipment B.
Marking outfit for stamping metal.*	1			1	13	1	1	1	15	
Meat cans.	5	28	1	65	816	55	50	33	918	
Nose bags (or feed bags with grain bag).	1		1		4	23	20		43	*If any rifles are provided with spare-part container this number will be reduced accordingly.
Oil and thong cases.*				62	744	20		10	774	
Pick mattocks*.				7	84				81	*For distribution in company, see p. 39.

TABLE 1.—Ordnance property—Continued.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
<i>Equipment A—Continued.</i>										
Pick-mattock carriers.				7	84				84	
Picket pins.....	1		1		4	23	4		27	
Pistols, cal. .45	5	28	1	3	72	54	50	23	163	
Pistol cleaning kit*.		1			1	1	1	1	3	*For component parts see p. 40.
Pistol holsters, cal. .45.	5	28	1	3	72	54	50	23	163	
Pistol belts with saber ring.*	5		1	1	20	6		2	20	*Includes magazine pocket.
Pistol belts without saber ring.*		28		2	52	20	50	21	121	Do.
Pouches for first-aid packet.	5	28	1	65	816	55	50	33	918	
Pouches for telescopic musket sight.*				2	24				24	*Authorized, but not required.
Rifles, U. S., cal. .30				62	744	20		10	774	
Rifles, U. S., for telescopic musket sight.*				2	24				24	*Authorized but not required.
Rifle scabbards						19		4	23	
Rule, 2-foot*				1	12				12	*For disposition in company, see p. 39.
Saddles, cavalry	1		1		4	23	4		27	
Saddlebags, pair	1		1		4	23	4		27	
Saddle blankets....	1		1		4	23	4		27	
Screw drivers for telescopic musket sight.*				2	24				24	*Authorized but not required.
Screw drivers for U. S. rifles, cal. .30.*				8	96	3		1	100	*1 for each 8 rifles.
Shovels*				21	252				252	*For distribution in company, see p. 39.
Shovel carriers				21	252				252	
Spoons	5	28	1	65	816	55	50	33	918	
Spurs, pair	3		1		6	23	4	6	33	
Spur straps, pair....	3		1		6	23	4	6	33	
Stencil outfit*	1			1	13	1	1		15	*For component parts see p. 42. Outfits of regimental headquarters or headquarters company in equipment A. All others in equipment B.
Surcingle.....	1		1		4	23	4		27	
Telescopic musket sights.*				2	24				24	*Authorized but not required.
Wire cutters*.				9	108	19			127	*For distribution in company, see p. 39.
Wire-cutter carriers				9	108	19			127	

TABLE 1.—*Ordnance property*—Continued.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
						Headquarters company.	Machine-gun company.	Supply company.		
<i>Equipment B.</i>										
Cleaning rods, jointed.*				8	96	3		1	100	*Carried in surplus kit bags. See p. 40.
Cleaning rod cases ..				8	96	3		1	100	
<i>Armory equipment.</i>										
Arm chests, model 1903, rifle.				6	72	2		1	75	
Arm chests, gallery practice rifle.				1	12	1			13	
Arm locker, model 1903 rifle.*				1	12	1			13	
Arm locker for pistols, cal. .45.*		1			1	1	1	1	3	*See "Protection from theft," p.56.
Arm racks, model 1908.*				3	36	1		1	38	
Cartridge holders, cal. .22.				100	1,200	100			1,300	
Cleaning brushes, cal. .22.				8	96	3			104	
Cleaning rods, cal. .22.				4	48	4			52	
Cleaning rods, bar-rack, cal. .30.				8	96	3		1	100	
Ramrods, cal. .22 ..				4	48	4			52	
Rifles, U. S., gallery practice, cal. .22.				4	48	4			52	

Table 2.—ORDNANCE PROPERTY.<sup>1</sup>

[Model 1910 equipment.]

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.	
	Enlisted strength.										
	5	28	1	65	816	55	50	33	918		
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations. <sup>2</sup>			Total for the regiment (with provisional organizations).		
						Headquarters company.	Machine-gun company.	Supply company.			
<i>Equipment A</i> <sup>3</sup>											
Arm repair chest *				1	12	1		1	14	*1 carried in the combat train of each battalion. The remainder carried in equipment B. For component parts see p. 41.	
Bayonets.....				62	744	1		6	751		
Bayonet scabbards.....				62	744	1		6	751		
Bolos *				4	48		50		98	*For distribution in company, see p. 39.	
Bolo scabbards.....				4	48		50		98		
Bridles, cavalry.....	1		1		4	23	4		27		
Bridles, watering *	1		1		4	23	4		27	*Not necessary when cavalry bridle, model 1909 is issued.	
Brushes and thongs *				62	744	20		10	774	*If any rifles are provided with spare-part container this number will be reduced accordingly.	
Cans, bacon.....	5	28	1	65	816	55	50	33	918		
Cans, condiment.....	5	28	1	65	816	55	50	33	918		
Canteens *	5	28	1	65	816	55	50	33	918	*Canteen with canteen cover carried in saddle bags by mounted men.	
Canteen covers.....	5	28	1	65	816	55	50	33	918		
Cartridges, ball, cal. 30.*				6,200	74,400	2,000	19,200	1,000	96,600	*100 rounds per man.	
Cartridges, ball, pistol, cal. 45.*	105	588	21	63	1,512	1,134	1,050	483	3,423	*21 rounds per man.	
Cartridge belts, dismounted.				62	744	1		10	755		
Cartridge belts, mounted.						19			19		
Cups.....	5	28	1	65	816	55	50	33	918		
Currycombs.....	1		1		4	23	20		43		
Drift slides and pins.*				24	288	8		4	300	*4 for each 10 rifles.	
Feed bags.....	1		1		4	23	20		43		
Forks.....	5	28	1	65	816	55	50	33	918		
Front sight covers.....				62	744	20		10	774		
Grain bags.....	1		1		4	23	20		43		
Gun slings.....				62	744	20		10	774		

<sup>1</sup> Does not include personal ordnance equipment of officers. See p. 29.

<sup>2</sup> When these organizations exist omit equipment in columns 1 and 2, and equipment of battalion sergeant major in column 3.

<sup>3</sup> Articles of individual equipment of the soldier, over and above the number required to equip the actual number of enlisted men of organizations, will be carried in equipment B.

TABLE 2.—*Ordnance property*—Continued.

Articles. (Asterisks refer to notations in the column of re- marks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncom- missioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organi- zations.			Total for the regiment (with provisional organi- zations).	
					Headquarters company.	Machine-gun company.	Supply company.			
<i>Equipment A— Continued.</i>										
Halter headstalls *	1		1		4	23	4		27	*For halter bridles of mules of ma- chine gun com- pany, see Table 3.
Halter tie ropes.....	1		1		4	23	4		27	
Hand axes *				3	36				36	*For distribution in company, see p. 39.
Hand-axe carriers.....				3	36				36	
Haversacks.....	2	28		65	810	32	46	27	885	
Horse brushes.....	1		1		4	23	20		43	
Knives.....	5	28	1	65	816	55	50	33	918	
Lariats.....	1		1		4	23	4		27	
Lariat straps.....	1		1		4	23	4		27	
Links.....	1		1		4	23	4		27	
Magazines, pistol, extra.*	10	56	2	6	144	108	100	46	326	*2 for each pistol.
Magazine pockets, web, double.						19			19	
Marking outfit for stamping leather.*	1				1	1	1	1	3	*For component parts, see p. 42. Outfits of regi- mental head- quarters or head- quarters com- pany in equip- ment A. All others in equip- ment B. Do.
Marking outfit for stamping metal.*	1			1	13	1	1	1	15	
Meat cans.....	5	28	1	65	816	55	50	33	918	
Oilier and thong cases.*				62	744	20		10	774	*If any rifles are pro- vided with spare- part container, this number will be reduced ac- cordingly.
Pack carriers.....	2	28		65	810	32	46	27	885	
Pick mattocks *.....				7	84				84	*For distribution in company, see p. 39.
Pick-mattock car- riers.....				7	84				84	
Picket pins.....	1		1		4	23	4		27	
Pistols, cal. .45....	5	28	1	3	72	54	50	23	163	
Pistol belt without sabre ring.*		28		2	52	29	50		109	*Includes magazine pocket.
Pistol belt with sabre ring.*	5		1	1	20	6		2	20	
Pistol cleaning kit *.		1			1		1		1	*For component parts, see p. 40.
Pistol holsters, cal. .45.	5	28	1	3	72	54	50	23	163	
Pouches for first-aid packet.	5	28	1	65	816	55	50	33	918	

TABLE 2.—*Ordnance property*—Continued.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
						Headquarters company.	Machine-gun company.	Supply company.		
<i>Equipment A—Continued.</i>										
Pouches for telescopic musket sight.*				2	24				24	*Authorized, but not required.
Rifles, U. S., cal. .30.				62	744	20		10	774	
Rifles, U. S., for telescopic musket sight.*				2	24				24	Do.
Rifle scabbards.....						19			19	
Saddles, cavalry.....	1		1		4	23	4		27	
Saddle bags, pairs.....	1		1		4	23	4		27	
Saddle blankets.....	1		1		4	23	4		27	
Screw drivers for telescopic musket sight.*				2	24				24	Do.
Screw drivers for U. S. rifle, cal. .30.*				8	96	3		1	100	*1 for each 8 rifles.
Shovels *				21	252				252	*For distribution in company, see p. 39.
Shovel carriers.....				21	252				252	
Spoons.....	5	28	1	65	816	55	50	33	918	
Spurs, pairs.....	3		1		6	23	4	6	33	
Spur straps, pairs.....	3		1		6	23	4	6	33	
Stencil outfit *	1			1	13	1	1	1	15	*For component parts, see p. 42. Outfits of regimental headquarters or headquarters company in equipment A. All others in equipment B.
Surcingles.....	1		1		4	23	4		27	
Steel tape, 5-foot *				1	12				12	*For disposition in company, see p. 39.
Telescopic musket sights.*				2	24				24	*Authorized, but not required.
Wire cutters *				9	108	19			127	*For distribution in company, see p. 39.
Wire-cutter carriers.....				9	108	19			127	
<i>Equipment B.</i>										
Cleaning rods, jointed.*				8	96	3		1	100	*Carried in surplus kit bags. See p. 40.
Cleaning rod cases.....				8	96	3		1	100	
<i>Armory equipment.</i>										
Arm chests, model 1903 rifle.				6	72	2		1	75	



TABLE 2.—*Ordnance property*—Continued.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
<b>Armory equipment—Continued.</b>										
Arm chests, gallery practice rifle.				1	12	1			13	
Arm locker, model 1903 rifle.*				1	12	1			13	
Arm locker for pistols, cal. .45.*		1			1	1	1	1	3	*See "Protection from theft," p. 56.
Arm racks, model 1908.*				3	36	1		1	38	
Cartridge holders, cal. .22.				100	1,200	100			1,300	
Cleaning brushes, cal. .22.				8	96	8			104	
Cleaning rods, cal. .22.				4	48	4			52	
Cleaning rods, bar-rack, cal. .30.				8	96	3		1	100	
Ramrods, cal. .22.				4	48	4			52	
Rifles, U. S. gallery practice, cal. .22.				4	48	4			52	

Table 3.—ORDNANCE PROPERTY.

## EQUIPMENT A.

## MACHINE-GUN EQUIPMENT FOR MACHINE-GUN COMPANY.

## PART 1, CLASS 4, SECTION 1.

## Pack harness:

- 12 aparejos, model of 1911.
- 12 blinders, model of 1910.
- 12 coronas, model of 1910.
- 12 cruppers, model of 1910.
- 16 halter bridles, model of 1910 (with leather and rope reins, 8 each).
- 12 sobrejalmas, model of 1910.
- 12 aparejo cinches, model of 1910.

## For automatic machine rifles, caliber .30, model 1909, special pack equipment:

- 20 ammunition hangers.
- 4 broad hatchet head cases.
- 4 cooling sponge covers.
- 12 pack frames, model of 1911.
- 4 picket pins.
- 4 picket-pin eyes.
- 4 picket-rope sections.
- 4 rifle cases.
- 4 rifle hangers.
- 2 rigging covers.
- 200 Manila rope,  $\frac{1}{4}$ -inch, feet.

PART 1, CLASS 9, SECTION 5.

12 saddle blankets, olive drab.

PART 1, CLASS 4, SECTION 1.

Pack outfit, model of 1911, for automatic machine rifle, caliber .30, model of 1909:

- 4 broad hatchets.
- 4 pick mattocks.
- 12 shovels, short handled.
- 4 wire cutters.
- 1 chests for supplies.
- 1 chests for tools.
- 2 supply sacks for leather and spare parts.
- 2 rules, boxwood, 2 feet, 4-fold.

Spare parts for pack harness:

- 4 aparejo top sticks, 2 right, 2 left.
- 4 aparejo boot sticks, 2 right, 2 left.
- 4 aparejo ribs, sets (set of 10), 4 latigo straps.

Spare parts for pack frames, model 1911:

- 8 side braces.
- 4 pack frame pins.
- 4 strap loop clevises.
- 4 superframes.
- 2 hook hinges.
- 2 arches.
- 2 side bars.
- 2 brace bars.
- 2 side bar boards.
- 2 brace bar boards.
- 20 split pins, 0.156 ( $\frac{1}{16}$ ) by 0.625.

Spare parts for ammunition hangers:

- 4 rear top braces.
- 4 side braces, 2 right, 2 left.
- 2 quick release devices.
- 2 five-sided strap loops, with 4 strap fasteners, style 1.
- 8 holding-down clips.
- 2, 1.5 by 1.5 strap loops, with rollers.
- 2, 2 by 1.25 strap loops, with rollers and 4 strap fasteners, style 1.
- 8, 1 by 0.5 strap loops.

Spare parts for rifle hanger:

- 2 diagonal braces.
- 2 upper frame braces.
- 2 hanger bars.
- 2 ammunition box rests.
- 2 frame limbs, front (drilled for front and rear), with four 1 by 0.5 strap loops, assorted.
- 2 rifle hanger hasps.
- 2 rifle hanger hasp locks.
- 2 rifle hanger links, clasps and clasp plates, assorted.
- 4 rifle hanger clevises, with clevis pins and split pins, assorted.

Spare rivets:

- 60, 0.187 ( $\frac{1}{16}$ ) by 0.5, round head.
- 80, 0.187 ( $\frac{1}{16}$ ) by 0.875, round head.
- 20, 0.187 ( $\frac{1}{16}$ ) by 1.25, round head.
- 50, 0.25 by 0.75, round head.
- 12, 0.25 by 1.75, round head.

PART 1, CLASS X, SECTION 9.

Saddlers' tools:

- 3 awl blades, harness assorted.
- 1 awl, seat, handled.
- 1 compass, 6-inch.
- 1 edge tool, No. 2.
- 2 extra blades, with followers, for draw gauge.
- 1 gauge, draw, brass.
- 1 hammer, No. 3, riveting.

## Saddlers' tools—Continued.

- 3 handles, awl, flat.
- 1 knife, round.
- 1 needle case, leather.
- 1 needles, harness, No. 4, papers.
- 1 needles, harness, No. 5, papers.
- 1 needles, harness, No. 6, papers.
- 1 nippers, cutting, 10-inch.
- 1 oilstone, unmounted.
- 2 punches, hand, Nos. 4 and 6, oval.
- 1 punch, revolving, 4 tubes.
- 1 rivet set.
- 1 rule, boxwood, 2-foot, 4-fold.
- 1 shoe knife, No. 76, square point.
- 1 thimble.
- 1 tool, claw.
- 1 tool kit.
- 1 stitching clamp.

## PART I, CLASS IV, SECTION 1.

- 4 automatic machine rifles, caliber .30, model of 1909, fitted with telescopic sight bracket. (With new model breech block and extractor.)
- 4 barrel cases, each containing 1 spare barrel, complete.
- 4 pairs mittens, with asbestos palms.
- 4 cooling sponges.
  - 2 Weldon range finders.
  - 2 pouches for Weldon range finder.
  - 2 steel tape, 100-feet
- 2 spare part cases, each containing:
  - 3 extractors.
  - 3 extractor springs.
  - 2 actuator springs.
  - 2 feed piece springs
  - 1 firing pin.
  - 1 breechblock.
  - 1 fermeture nut.
  - 2 feed pieces.
  - 1 rear sight, complete.
  - 1 front sight, complete.
  - 2 spare stocks.
  - 1 copper hammer.
  - 1 drift.
  - 1 screw driver.
  - 16 cleaning brushes.
  - 2 gas cylinder cleaners.
  - 1 grease brush.
  - 1 grease pot.
- 4 gunner's pouches, each containing:
  - 1 extractor.
  - 1 extractor spring.
  - 1 extractor dismounting tool.
  - 1 sear spring.
  - 1 cartridge stop.
  - 1 cartridge stop holder.
  - 1 cartridge stop spring.
  - 1 ejector.
  - 1 ejector cap.
  - 1 ejector spring.
  - 1 firing pin.
  - 1 locking nut.
  - 1 locking screw.
  - 1 dismounting wrench.
  - 1 hand extractor.
  - 1 ejector key.
  - 2 cleaning brushes.
  - 1 cleaning brush holder.
  - 1 cleaning rod, complete.

- 1 rammer.
- 1 defective cartridge extractor.
- 1 oil can.
- 2 loading tool cases, each containing:
  - 1 pair pliers.
  - 1 screw driver.
  - 1 resizing tool.
  - 1 loading tool (with two handles).
- 100 cut patches, Tampa flannel.
- 100 cut patches, Canton flannel.
- 64 ammunition boxes.
- 640 feed strips.

PART I, CLASS VII, SECTION 1.

- 4 telescopic musket sights, model of 1908.
- 4 screw drivers for telescopic musket sight.
- 4 pouches, model 1911, for telescopic musket sight.

PART I, CLASS X, SECTION 1.<sup>1</sup>

- 2 arm chests for automatic machine rifle, caliber .30, model of 1909.

Table 4.—SIGNAL PROPERTY.

EQUIPMENT A.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
						Headquarters company.	Machine-gun company.	Supply company.		
Kits, flag, 2-foot, standard (2 flags each).						* 9	2		11	*Carried by mounted orderlies.
Kits, flag, 2-foot, infantry (1 flag each).				* 2	24				24	*Carried by musicians.
Kits, flag, semaphore (2 flags each).				2	24	19	3		46	
Glasses, field, type A (or type B). <sup>2</sup>				* 2	24		2		26	*Do.
Glasses, field, type C. <sup>2</sup>							1		1	

<sup>1</sup> Armory equipment.

<sup>2</sup> Not to be used in lieu of personal field glasses of officers. For officers' equipment see p. 29.

Table 5.—ENGINEER PROPERTY.

[Old model equipment.]

## EQUIPMENT A.

NOTE.—Organizations will be equipped with either old or new model equipment. Old model equipment will be issued until exhausted.

Articles.  (Asterisks refer to notations in the column of re- marks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncom- missioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organiza- tions. <sup>1</sup>			Total for the regiment (with provisional organi- zations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Note book, field.*..	1	.....	1	.....	4	1	.....	.....	4	*Carried in combat train.
Sketching cases*...	1	.....	1	.....	4	1	.....	.....	4	*Do.
Prismatic compass- es.*	1	.....	1	.....	4	1	.....	.....	4	*Do.
Hand levels or cli- nometers.*	1	.....	1	.....	4	1	.....	.....	4	*Do.
Rectangular pro- tractors.*	2	.....	2	.....	8	2	.....	.....	8	*Do.
Pace tallies*.....	1	.....	1	.....	4	1	.....	.....	4	*Do.
Reconnaissance pads.*	1	.....	1	.....	4	1	.....	.....	4	*Do.
Watch compasses*	.....	.....	.....	* 6	72	6	* 6	6	90	*Carried by ser- geants.

<sup>1</sup> When headquarters company is equipped omit equipment in column 1.

Table 6.—ENGINEER PROPERTY.

[New model equipment.]

EQUIPMENT A.

NOTE.—Organizations will be equipped with either old or new model equipment. Old model equipment will be issued until exhausted.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations. <sup>1</sup>			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Alidade*.....	1	.....	1	.....	4	1	.....	.....	4	*Carried in combat train.
Board, sketching*.	1	.....	1	.....	4	1	.....	.....	4	*Do.
Chest, sketching outfit*.	1	.....	1	.....	4	1	.....	.....	4	*Do.
Clinometer, service, with case*.	1	.....	1	.....	4	1	.....	.....	4	*Do.
Holder, timing pad*.	1	.....	1	.....	4	1	.....	.....	4	*Do.
Pace tally*.....	1	.....	1	.....	4	1	.....	.....	4	*Do.
Pencil pocket*.....	1	.....	1	.....	4	1	.....	.....	4	*Do.
Tripod, wood, folding*.	1	.....	1	.....	4	1	.....	.....	4	*Do.
Supplies*:										*Carried in combat train; 1 year's supply.
Celluloid sheets	12	.....	12	.....	48	12	.....	.....	48	
Erasers, rubber	2	.....	2	.....	8	2	.....	.....	8	
Pads, timing...	6	.....	6	.....	24	6	.....	.....	24	
Paper, sketching board, sheets.	72	.....	72	.....	288	72	.....	.....	288	
Pencils, blue...	2	.....	2	.....	8	2	.....	.....	8	
Pencils, drawing, H.	6	.....	6	.....	24	6	.....	.....	24	
Pencils, green...	2	.....	2	.....	8	2	.....	.....	8	
Pencils, red....	2	.....	2	.....	8	2	.....	.....	8	
Protectors, pencil point.	2	.....	2	.....	8	2	.....	.....	8	
Tape, adhesive, rolls.	2	.....	2	.....	8	2	.....	.....	8	
Compasses, watch...	.....	.....	.....	6	72	6	6	6	90	

<sup>1</sup> When headquarters company is equipped omit equipment in column 1.

Table 7.—MEDICAL SUPPLIES.

## EQUIPMENT A.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
						Headquarters company.	Machine-gun company.	Supply company.		
First-aid packets...	5	28	1	65	816	55	50	33	918	*Carried in combat train.
Hand litters *				1	12		1		13	

Table 8.—QUARTERMASTER PROPERTY.

## EQUIPMENT C.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.  "B" indicates that the article forms a part of equipment B. Other articles form a part of equipment A, unless otherwise noted.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations. <sup>2</sup>			Total for the regiment (with provisional organizations).	
						Headquarters company.	Machine-gun company.	Supply company.		
Axes and helvcs....	1	1	* 8	* 2	50	2	* 4	2	56	* Carried in combat train.
Bags, nose *.....	3	.....	.....	.....	3	.....	.....	7	7	* For riding mules and sanitary pack mule.
Bags, surplus kit*..	1	4	.....	9	113	7	7	5	127	* For contents and packing see p. 40, B.
Bags, water, sterilizing.	1	1	.....	1	14	1	1	1	15	* One for each man in equipment B.
Bars, mosquito, single.*	5	28	1	65	816	55	50	33	918	* One for each two men in equipment A.
Baton *.....	.....	1	.....	.....	1	1	.....	.....	1	* For drum major only.
Bedbags (or cots) *	5	28	1	65	816	55	50	33	918	* B.
Blankets, o. d. ....	5	28	1	65	816	55	50	33	918	

<sup>1</sup> Officers' equipment, except tentage, is not included in this table.

<sup>2</sup> When these organizations are equipped omit articles in columns 1 and 2, and equipment of battalion sergeant major in column 3.

NOTE.—For price of articles see the annual price list of clothing and equipage which is published in general orders of the War Department.

TABLE 8—Quartermaster property—Continued.

EQUIPMENT C—Continued.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Bridles, riding *....	2				2			6	6	* For riding mules.
Brooms, corn *....		1		3	37	3	2	2	43	* B.
Box, foot dressing*.	1	1		1	14	1	1	1	15	* For contents see p. 45.
Brooms, stable *....	1				1			2	2	* B.
Brushes, horse *....	1				1			2	2	* For riding mules and sanitary pack mule.
Brushes, scrubbing.*		1		3	37	3	2	2	43	* B.
Buckets, g. l.....	3	3		3	42	3	3	3	45	
Bugles, with sling..				2	24				24	
Can, drinking water.*	1	1		1	14	1	1	1	15	* B.
Can, garbage *....	1	1		1	14	1	1	1	15	* B.
Can, night urinal*.	1	1		1	14	1	1	1	15	* B.
Candles (if mineral oil is not issued).*										* Necessary issues under A. R. 1215.
Chest, commissary, with equipment.*	1				1			1	1	* For components and division into equipments A and B see p. 43.
Colors:										
Infantry, regimental, with case, staff, cord and tassels.	1				1	1			1	
National, silk, with case, staff, cord and tassels....	1				1	1			1	
National, service, with case, staff, cord and tassels.			1		3				3	
Cooking utensils (march kit):										
Cake turner.....	1	1		1	14	1	1	1	15	
Cleaver, meat....	1	1		1	14	1	1	1	15	
Flour sieve.....	1	1		1	14	1	1	1	15	
Fork, meat, large.	1	1		1	14	1	1	1	15	
Knife, meat, large.	1	1		1	14	1	1	1	15	
Ladle, soup....	1	1		1	14	1	1	1	15	
Fire irons, set...	1	1		1	14	1	1	1	15	
Kettles, camp....	1	2		3	39	3	2	2	43	
Pans, bake.....	1	2		3	39	3	2	2	43	
Pans, dish.....	1	1		1	14	1	1	1	15	
Combs, curry*....	1				1			2	2	* For riding mules and sanitary pack mule.
Cots (or bedsacks) *										* B.
Covers, mule, blanket lined.*	51		12		87		20	55	111	* For each For wif only.



TABLE 8.—*Quartermaster property—Continued.*

## EQUIPMENT C—Continued.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.  "B" indicates that the article forms a part of equipment B. Other articles form a part of equipment A, unless otherwise noted.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Desks, field, small *	3	.....	.....	1	15	1	1	2	16	* For contents see p. 43.
Farrier's instrument pocket case*	.....	.....	.....	.....	.....	.....	1	.....	1	* For component parts see p. 45.
Flag, chaplain's *	1	.....	.....	.....	1	1	.....	.....	1	* See A. R. 2244.
Forge, portable.....	1	.....	.....	.....	1	.....	.....	1	1	
Halters and halter straps.*	3	.....	.....	.....	3	.....	.....	7	7	* For riding mules and sanitary pack mule.
Handcuffs, pair.....	1	.....	1	.....	4	1	.....	.....	4	
Headnets, mosquito	1	3	.....	7	88	6	5	3	98	
Horseshoer's emergency equipment.*	.....	.....	.....	.....	.....	.....	.....	1	1	* For component parts see p. 45.
Housewives, squad.*	1	4	.....	9	113	7	7	5	127	* For component parts see p. 45.
Instruments, band.*	.....	28	.....	.....	28	28	.....	.....	28	* For component parts see A. R. 1179.
Jack, wagon.....	1	.....	.....	.....	1	.....	.....	1	1	
Lanterns, combination, complete.*	4	2	.....	2	30	4	2	2	32	* With wick and globe.
Leather, harness, black, pounds.	21	.....	.....	.....	21	.....	.....	22	22	
Matches, boxes *...	12	12	.....	24	312	24	24	24	360	* 10 days' supply. Issued as required.
Mender, harness *..	.....	.....	1	.....	3	.....	.....	.....	3	* For component parts see p. 45. Carried in combat train.
Nails, horseshoe, pounds.*	13	.....	.....	.....	13	.....	.....	21	21	* 8 nails for each fitted shoe of mules and horses. 1 pound for every 15 extra shoes.
Needles, harness:										
Gloves, papers	2	.....	.....	.....	2	.....	.....	4	.....	
Harness, No. 2, papers.	4	.....	.....	.....	4	.....	.....	2	.....	
Harness, No. 3, papers.	4	.....	.....	.....	4	.....	.....	4	.....	
Harness, No. 4, papers.	4	.....	.....	.....	4	.....	.....	4	.....	
Oil, mineral, pints* (when candles are not issued.)	2	1	.....	1	15	2	1	1	16	* 10 days' supply. 3 pint for each lantern. Issued as required.
Overcoats *.....	5	28	1	65	816	55	50	33	918	* For winter use only.
Pannier, veterinary (and supplies).*	.....	.....	.....	.....	.....	.....	.....	1	1	* For component parts see p. 45.
Pickaxes and helves	1	1	* 8	* 2	50	2	* 4	2	56	* Carried in combat train.
Pins, tent, shelter *	75	140	25	355	4,500	335	270	195	5,060	* 5 for each shelter half, 10 for each officer below major.

TABLE 8.—*Quartermaster property*—Continued.

EQUIPMENT C—Continued.

Articles.  (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Poles, tent, shelter *	15	28	5	9	166	47	54	29	238	* 1 for each man not armed with rifle; 2 for each officer below major.
Ponchos *.....	2	28	.....	65	810	32	45	6	863	* For dismounted men only, except drivers.
Pouches, music, o. d.	.....	28	.....	.....	28	28	.....	.....	28	* For sterilizing water. 10 days' supply. Issued as required.
Powder, calcium chloride, tubes.*	30	30	.....	50	660	50	50	30	730	
Rake, steel *.....	.....	1	.....	1	13	1	1	4	18	* B.
Range, field, No. 1, complete.*	.....	.....	.....	1	12	1	1	.....	14	* B For component parts see p. 46.
Range, field, No. 2, complete.*	1	1	.....	.....	2	.....	.....	1	1	* B For component parts see p. 46.
Rivets and burrs, copper, assorted, pounds.* No. 8, 1½-inch; No. 9, 1-inch; No. 9, 1-inch; No. 12, ¾-inch.	4½	.....	.....	.....	4½	.....	.....	4½	4½	* ¼ pound for each wagon. Equal amounts of each size.
Rope, picket line, 1-inch, feet.*	304	.....	.....	.....	304	.....	.....	.....	430	* 2½ feet per mule or horse.
Saddlebags, pairs *	2	.....	.....	.....	2	.....	.....	6	6	* For riding mules.
Saddles, riding *.....	2	.....	.....	.....	2	.....	.....	6	6	* Do.
Scales, folding platform.*	1	.....	.....	.....	1	.....	.....	1	1	* B.
Shoes, horse and mule: Fitted shoes *..	.....	.....	.....	.....	.....	.....	.....	.....	.....	* Two for each horse or mule. Shoes can not be fitted until animals are permanently assigned.
For mounts *	34	.....	10	.....	64	68	12	12	122	* Carried in saddlebags. Includes shoes for officers' mounts.
For pack mules	2	.....	.....	.....	2	.....	32	2	34	* Included in spare parts of escort wagon. See p.50.
For draft mules.*	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Extra shoes *..	.....	.....	.....	.....	.....	.....	.....	.....	.....	* One pound for each horse or mule.
For horses, pounds.	61	.....	.....	.....	61	.....	.....	61	61	* Carried in combat train.
For mules, pounds.	87	.....	.....	.....	87	.....	.....	111	111	
Shovels, short handled.*	1	1	*8	*2	50	2	*4	2	56	* Carried in combat train.
Slickers *.....	3	.....	1	.....	6	23	5	27	55	* For mounted men and drivers only.

TABLE 8.—*Quartermaster property*—Continued.

## EQUIPMENT C—Continued.

Articles. (Asterisks refer to notations in the column of remarks.)	1	2	3	4	5	6	7	8	9	Remarks.
	Enlisted strength.									
	5	28	1	65	816	55	50	33	918	
	Regimental headquarters and regimental noncommissioned staff.	Band.	Each battalion including noncommissioned staff.	Company of a battalion.	Total for the regiment (statutory organization).	Provisional organizations.			Total for the regiment (with provisional organizations).	
					Headquarters company.	Machine-gun company.	Supply company.			
Slings, color, o. d.*.	2	.....	3	.....	5	2	.....	.....	5	* For color sergeants and detailed color sergeants of detached battalions.
Stretchers, shoe.*.	.....	1	.....	1	13	1	1	1	15	* B.
Tags, identification.*	5	28	1	65	816	55	50	33	918	* May be held in store in State arsenal.
Tape, for identification tag, yards.*	5.	28	1	65	816	55	50	33	918	* One yard per man. May be held in store in State arsenal.
Tape, foot measure*	.....	1	.....	1	13	1	1	1	15	* B.
Tape, measuring, 100 feet.	1	.....	.....	.....	1	1	.....	.....	1	
Tents, pyramidal, large, complete (or conical wall tents).*	2	4	.....	10	126	9	8	6	143	* B. For component parts see p. 47.
Tents, pyramidal, small, complete (or wall tents).*	13	.....	3	2	46	19	2	2	47	* For officers. For division into equipments A and B see p. 47.
Tents, shelter half, dismounted.	5	28	1	65	816	55	50	33	918	
Tents, shelter half, mounted.*	10	.....	4	6	94	12	4	6	94	* For officers below grade of major.
Thread, saddler's, No. 3, ounces.	30	.....	.....	.....	30	.....	.....	30	30	
Thread, saddler's, No. 10, ounces.	30	.....	.....	.....	30	.....	.....	30	30	
Tools, farrier's and blacksmith's, set.*	1	.....	.....	.....	1	.....	.....	1	1	* For component parts and division into equipments A and B, see p. 47.
Tools, saddler's, set.*	1	.....	.....	.....	1	.....	.....	1	1	* Do.
Tools, wheelwright's and carpenter's, set.*	1	.....	.....	.....	1	.....	.....	1	1	* Do.
Wagons, escort, complete, with harness.*	12	.....	3	.....	21	.....	1	12	22	* For component parts and accessories see p. 48.
Wax, saddler's, ounces.	30	.....	.....	.....	30	.....	.....	30	30	
Wheel, hind, escort wagon, extra.	1	.....	.....	.....	1	.....	.....	1	1	
Whistles and chains.*	.....	.....	.....	8	96	.....	8	.....	104	* For sergeants and musicians.

**Table 9.—QUARMASTER PROPERTY.**

**FIELD UNIFORM AND CLOTHING OF ENLISTED MEN.**

- (a) For all enlisted men:
- 1 belts, waist.
  - 1 breeches, wool, o. d.
  - 1 coat, service, wool, o. d.
  - 1 cord, hat.
  - 1 cord, tying, for service hat.
  - 1 hat, service.
  - 1 gloves, leather, riding, pair (for mounted men only).
  - 1 leggings, canvas pair (2 pairs for mounted men).
  - 1 button, collar, bronze, State.
  - 1 button, collar, bronze, organization.
  - 2 shirts, flannel, o. d.
  - 1 shoes, marching.
- (b) For all noncommissioned officers, cooks, and artificers in addition to (a):
- 3 chevrons, wool, o. d., pair.

NOTE.—Overcoats, blankets, ponchos, and slickers are contained in Table 8. The addition of 1 extra pair of breeches, wool, o. d., is authorized for all enlisted men.

**Table 10.—FIELD UNIFORM AND EQUIPMENT OF OFFICERS.**

- (a) Uniform:
- 1 breeches, service, wool, o. d.
  - 1 coat, service, wool, o. d., with collar ornaments and insignia.
  - 1 cord, hat.
  - 1 cord, tying, for service hat.
  - 1 gloves, regulation riding, pair (for mounted officers).
  - 1 hat, service.
  - 1 leggings, russet leather or pigskin.<sup>1</sup>
  - 1 overcoat, o. d.
  - 1 shirt, flannel, o. d.
  - 1 shoes, russet leather.
  - 1 sweater (if organization is supplied with sweaters).
  - 1 tag, identification, with tape.
  - 1 waterproof cape or overcoat (optional).<sup>2</sup>
- NOTE.—Uniforms which are the property of the United States will not be used by officers.
- (b) Arms and equipment:
- 1 bedding roll, canvas.
  - 1 blanket, wool, o. d.
  - 1 canteen, cavalry.
  - 2 canteen-haversack straps (for dismounted officers).
  - 1 canteen strap, cavalry (for mounted officers).
  - 21 cartridges, ball, pistol, caliber .45.
  - 1 compass.
  - 1 cup.
  - 1 dispatch case (for staff officers and those acting as such whose duty may require them to use a dispatch case).
  - 1 first-aid packet.
  - 1 fork.
  - 1 glasses, field, with case and strap.<sup>3</sup>
  - 1 haversack (for dismounted officers).
  - 1 knife.
  - 2 magazines, pistol, extra.
  - 1 meat can.
  - 1 notebook and pencils (furnished by officer).

<sup>1</sup> Officers may wear canvas leggings or woolen puttees in the field, and mounted officers may wear russet leather boots.

<sup>2</sup> Officers may wear waterproof capes or overcoats, as nearly as practicable the color of the service uniform, when on duty involving exposure to rainy or other inclement weather. Under similar conditions mounted officers may wear the slicker and dismounted officers the poncho issued by the Quartermaster Corps.

<sup>3</sup> The field glasses issued to organizations as a part of their signal equipment are not issued for the personal use of officers, and will not be used in lieu of the officers' personal field glasses. For approved types of field glasses for sale to officers by the Signal Corps, see G. O. No. 178, War Department, 1910.

## (b) Arms and equipment—Continued.

- 1 pistol, caliber .45. •
- 1 pistol belt.
- 1 pistol holster, caliber .45.
- 1 pouch for first-aid packet.
- 1 saber, with scabbard.<sup>1</sup>
- 1 saber belt, with slings.
- 1 saber knot, service.
- 1 spoon.
- 1 spurs, with russet leather straps, pair (for mounted officers).
- 1 watch (furnished by officer).
- 1 whistle (for all company officers and battalion commanders).

NOTE.—Chaplains will not be required to provide themselves with compass, field glasses, pistol, saber, or saber belt. Each officer below the grade of major will be furnished with 1 shelter tent, mounted, complete, from the equipment issued to the organization. Each field officer will be similarly provided with 1 small pyramidal tent, or in lieu thereof, 1 wall tent.

## (c) Arms and equipment, model 1910 equipment:

If organizations are equipped with model 1910 infantry equipment, deduct from (b):

- 1 canteen, cavalry.
- 2 canteen-haversack straps.
- 1 canteen strap, cavalry.
- and add to (b):
- 1 canteen.
- 1 canteen cover.
- 1 can, bacon.
- 1 can, condiment.
- 1 pack carrier (for dismounted officers).

## (d) Horse equipment for all mounted officers:

- 1 bridle, cavalry, model 1909.
- 1 currycomb.
- 1 horse brush.
- 1 halter headstall.
- 1 halter strap (halter tie rope).
- 2 horseshoes (1 fore and 1 hind).
- 12 horseshoe nails.
- 1 lariat.
- 1 lariat strap.
- 1 link.
- 1 nose bag or feed bag.
- 1 picket pin.
- 1 saddle, cavalry or Whitman, officer's model, complete.
- 1 saddlebags, pair.
- 1 saddle blanket.
- 1 saddle cloth.
- 1 surcingle.

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<sup>1</sup> In the field officers of infantry will wear the pistol instead of the saber.

Table 11.—ANNUAL ALLOWANCE OF CLEANING MATERIALS.<sup>1</sup>

[Ordnance stores.]

Articles.	Enlisted strength.					
	8	28	65	55	50	33
	Regi- mental headquar- ters and regi- mental and battalion noncom- missioned staff.	Band. <sup>2</sup>	Com- pany of a battalion.	Head- quarters company.	Machine- gun company.	Supply company.
Cosmic, No. 80, soft, quart cans.....	1	1	2	1	2	1
Oil, linseed, raw, pints.....	1	1	2	1	1	1
Oil, neat's foot, gallons.....	1	1	1	1	2	1
Oil, sperm, pints.....	1	1	2	1	2	1
Russet-leather dressing, boxes.....	1	1	1	1	2	1
Sal soda, pounds.....	2	2	6	2	3	2
Sponges.....	1	1	2	2	4	2
Soap, castile, pounds.....	4	4	8	8	16	4
Soap, H and H, cakes.....	2	2	4	4	8	4
Soap, Frank Miller's, pounds.....	4	4	8	4	8	4
Ammonium per sulphate, ounces.....	.....	.....	30	15	15	15
Ammonium carbonate, ounces.....	.....	.....	15	15	15	15
Ammonia, 28 per cent, ounces.....	.....	.....	180	90	90	90

<sup>1</sup> For instructions as to the use of these materials, see Cir. No. 16, Division of Militia Affairs series of 1911.<sup>2</sup> If headquarters company is organized, omit materials in this column.

Table 12.—QUARTERMASTER PROPERTY, BRIGADE HEADQUARTERS.

Articles. (Asterisks refer to notations in the column of remarks.)	Equip- ment A.	Equip- ment B.	Equip- ment C. <sup>1</sup>	Remarks.
Axe and helve.....	1	1	2	
Bag, water, sterilizing.....	1	.....	1	
Broom, corn.....	.....	1	1	
Broom, stable.....	.....	1	1	
Brush, scrubbing.....	.....	1	1	
Bucket, galvanized iron.....	.....	2	2	
Can, drinking water.....	.....	1	1	
Can, garbage.....	.....	1	1	
Can, night urinal.....	.....	1	1	
Candles.* (If mineral oil is not is- sued.).....	.....	.....	.....	* Necessary issues under A. R., 1215.
Chair, folding*.....	.....	3	3	* Authorized, but not required. Not an article of issue.
Cooking utensils (march kit):				
Cake turner.....	1	.....	1	
Cleaver, meat.....	1	.....	1	
Flour sieve.....	1	.....	1	
Fork, meat, large.....	1	.....	1	
Knife, meat, large.....	1	.....	1	
Ladle, soup.....	1	.....	1	
Fire irons, set.....	1	.....	1	
Kettle, camp.....	1	.....	1	
Pan, bake.....	1	.....	1	
Pan, dish.....	1	.....	1	
Cover, mule, blanket lined*.....	4	.....	4	* For winter use only.
Desk, field, large.....	1	.....	1	
Flag, distinguishing, infantry bri- gade*.....	1	.....	1	* See Appendix 5, F. S. R., 1914.
Flag, national, storm, and halyard.....	.....	1	1	
Fork, stable.....	.....	1	1	
Globe, lantern.....	2	1	3	
Globe, lantern, distinguishing, in- fantry brigade*.....	1	.....	1	* See Appendix 5, F. S. R., 1914.

<sup>1</sup> Equipment C is the sum of equipments A and B. This column, therefore, gives the total equipment.

TABLE 12.—*Quartermaster property, brigade headquarters—Continued.*

Articles. (Asterisks refer to notations in the column of remarks.	Equip- ment A.	Equip- ment B.	Equip- ment C.	Remarks.
Lantern, combination *.....	3	1	4	* Does not include globe or wick.
Matches, boxes *.....	12	.....	12	* 10 days' supply. Issued as required.
Nails, horse-shoe, pounds.....	4	2	6	
Oil, mineral, pints.* (If candles are not issued.).....	1½	½	2	* 10 days' supply. One-half pint for each lantern. Issued as required.
Paulins, large.....	.....	1	1	
Pickax and helve.....	1	1	2	
Pin, tent, shelter *.....	10	.....	10	* For civilian clerk.
Pole, tent, shelter *.....	2	.....	2	Do.
Powder, calcium chloride, tube *.....	30	.....	30	* 10 days' supply. Issued as required.
Rake, steel.....	1	1	2	
Range, field, No. 2, complete *.....	.....	1	1	* For component parts, see p. 46.
Rope, picket line, ¼-inch, feet.....	40	.....	40	
Shoes, horse and mule: (1) Fitted shoes *.....	.....	.....	.....	* Shoes can not be fitted until ani- mals are permanently assigned.
For draft mules *.....	.....	.....	.....	* Included with escort wagon. See p. 50.
For mounts *.....	20	.....	20	* 1 fore and 1 hind for each mount. Carried in saddlebags.
(2) Extra shoes: For horses, pounds.....	12	24	36	
For mules, pounds.....	4	8	12	
Spade.....	1	1	2	
Table, folding *.....	.....	2	2	* Authorized, but not required. Not an article of issue.
Tent, shelter, halves, mounted *.....	2	.....	2	* For civilian clerk.
Tents, pyramidal, large, complete *.....	.....	2	2	* For component parts, see p. 47.
Tents, pyramidal, small, complete *.....	4	5	9	* For component parts, see p. 47.
Tents, wall, complete *.....	.....	2	2	* For component parts, see p. 47.
Canvas latrine screen *.....	.....	1	1	* Or obsolete tentage. See p. 47.
Wagon, escort, and harness, com- plete.....	1	.....	1	* For component parts, see p. 48.
Wick, lantern.....	3	1	4	

## PART II.

### TABLES OF INDIVIDUAL EQUIPMENT.

#### I. OLD MODEL EQUIPMENT.

- (a) For all enlisted men of companies of battalions (except first sergeants and musicians), for dismounted man of mounted orderly section of headquarters company, and for dismounted men of supply company (except drivers):
- 1 United States rifle, cal. .30.
  - 1 front sight cover.
  - 1 brush and thong.
  - 1 oiler and thong case.
  - 1 gun sling.
  - 1 bayonet.
  - 1 bayonet scabbard.
  - 1 cartridge belt, cal. .30, infantry.
  - 1 cartridge-belt suspenders, pair.
  - 1 first-aid packet.
  - 1 pouch for first-aid packet.
  - 90 cartridges, ball, cal. .30.
  - 1 canteen, infantry.
  - 1 haversack.
  - 1 meat can.
  - 1 cup.
  - 1 knife.
  - 1 fork.
  - 1 spoon.
  - 1 shelter tent, half.
  - 5 shelter-tent pins.
  - 1 poncho.
  - 1 blanket.
  - 1 cake of soap (furnished by man).
  - 1 comb (furnished by man).
  - 1 socks, pair (furnished by man).
  - 1 tooth brush (furnished by man).
  - 1 towel (furnished by man).
  - 1 whistle (quartermaster sergeants and sergeants only).
  - 1 identification tag with tape.
- (b) For all first sergeants (except machine-gun and supply companies), color sergeants, musicians, bandsmen, detailed cook of band section, and drivers of supply company:
- 1 pistol, cal. .45.
  - 1 pistol holster, cal. .45.
  - 2 magazines, pistol, extra.
  - 1 pistol belt with saber ring (for first sergeants and color sergeants only).
  - 1 pistol belt without saber ring (for musicians, bandsmen, drivers, and detailed cook of band section).
  - 21 cartridges, ball, pistol, cal. .45.
  - 1 first-aid packet.
  - 1 pouch for first-aid packet.
  - 1 canteen, cavalry.
  - 1 haversack.
  - 2 canteen-haversack straps.
  - 1 meat can.
  - 1 cup.
  - 1 knife.
  - 1 fork.
  - 1 spoon.



## (b) For all first sergeants, etc.—Continued.

- 1 shelter tent, half.
- 1 shelter-tent pole.
- 5 shelter-tent pins.
- 1 poncho (slicker for drivers).
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 tooth brush (furnished by man).
- 1 towel (furnished by man).
- 1 bugle, with sling (for musicians only).
- 1 baton (for drum major).
- 1 instrument (for bandmen).
- 1 music pouch, o. d. (for bandmen).
- 1 kit, flag, 2-foot, infantry (for musicians only).
- 1 field glass, with case and cord, type A (musicians only).
- 1 whistle (first sergeants and musicians only).
- 1 identification tag with tape.

## (c) For all mounted orderlies and all mounted men of supply company (except regimental quartermaster sergeant and regimental commissary sergeant):

- 1 United States rifle, cal. .30.
- 1 front sight cover.
- 1 thong and brush.
- 1 oiler and thong case.
- 1 gun sling.
- 1 cartridge belt, cal. .30, cavalry (for mounted orderlies only).
- 1 cartridge belt, cal. .30, infantry (for supply company only).
- 1 cartridge-belt suspenders, pair.
- 1 pistol, cal. .45 (for mounted orderlies only).
- 1 pistol holster, cal. .45 (for mounted orderlies only).
- 2 magazines, pistol, extra (for mounted orderlies only).
- 1 magazine pocket, web, double (for mounted orderlies only).
- 80 cartridges, ball, cal. .30 (for mounted orderlies only).
- 90 cartridges, ball, cal. .30 (for supply company only).
- 21 cartridges, ball, pistol, cal. .45 (for mounted orderlies only).
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 1 spurs, pair.
- 1 spur straps, pair.
- 1 rifle scabbard.
- 1 canteen, cavalry.
- 1 canteen strap, cavalry.
- 1 meat can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 5 shelter-tent pins.
- 1 slicker.
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 tooth brush (furnished by man).
- 1 towel (furnished by man).
- 1 kit, flag, 2-foot, standard (carried by mounted orderlies when ordered by commanding officer).
- 1 wire cutter (for mounted orderlies only).
- 1 wire cutter carrier (for mounted orderlies only).
- 1 identification tag.

## (d) For regimental and battalion sergeants major, regimental quartermaster sergeant, regimental commissary sergeant, and mounted men of machine-gun company:

- 1 pistol, cal. .45.
- 1 pistol holster, cal. .45.
- 2 magazines, pistol, extra.

(d) For ~~regimental and battalion~~ sergeants major, etc.—Continued.

- 1 bolo (machine-gun company only).
- 1 bolo scabbard (machine-gun company only).
- 1 pistol belt with saber ring (sergeants major, regimental quartermaster, and commissary sergeants only).
- 1 pistol belt without saber ring (machine-gun company only)
- 21 cartridges, ball, pistol, cal. .45.
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 1 spurs, pair.
- 1 spur straps, pair.
- 1 canteen, cavalry.
- 1 canteen strap, cavalry.
- 1 meat can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 1 shelter-tent pole.
- 5 shelter-tent pins.
- 1 slicker.
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 tooth brush (furnished by man).
- 1 towel (furnished by man).
- 1 identification tag with tape.

(e) For all dismounted men of machine-gun company:

- 1 pistol, cal. .45.
- 1 pistol holster, cal. .45.
- 2 magazines, pistol, extra.
- 1 bolo.
- 1 bolo scabbard.
- 1 pistol belt without saber ring.
- 21 cartridges, ball, pistol, cal. .45.
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 1 canteen, cavalry.
- 1 haversack.
- 2 canteen-haversack straps.
- 1 meat can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 1 shelter-tent pole.
- 5 shelter-tent pins.
- 1 poncho (slicker for driver of combat wagon).
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 tooth brush (furnished by man).
- 1 towel (furnished by man).
- 2 glasses, field, type A } (carried by noncommissioned officers designated by
- 1 glass, field, type C } company commander.)
- 2 kits, flag, 2-foot, standard (carried by men designated by company commander).
- 1 identification tag with tape.

(f) Horse equipment for each enlisted man individually mounted on a horse:

- 1 cavalry bridle, model 1909, or curb bridle, model of 1902.
- 1 watering bridle.
- 1 currycomb.

(f) Horse equipment for each enlisted man individually mounted on a horse—Con.

- 1 feed bag
- and } or 1 nose bag.
- 1 grain bag
- 1 halter headstall.
- 1 halter strap (or halter tie rope).
- 1 horse brush.
- 1 lariat.
- 1 lariat strap.
- 1 link.
- 1 picket pin.
- 1 saddle, cavalry.
- 1 saddlebags, pair.
- 1 saddle blanket.
- 1 surcingle.
- 2 horseshoes (1 fore and 1 hind).
- 12 horseshoe nails.

NOTE.—The mounted equipment of enlisted men of the supply company mounted on mules is furnished by the Quartermaster Corps. See table 8.

## II. MODEL 1910 EQUIPMENT.

(a) For all enlisted men of companies of battalions (except first sergeants and musicians), for dismounted man of mounted orderly section of headquarters company, and for dismounted men of supply company (except drivers):

- 1 United States rifle, cal. .30.
- 1 front-sight cover.
- 1 brush and thong.
- 1 oiler and thong case.
- 1 gun sling.
- 1 bayonet.
- 1 bayonet scabbard.
- 1 cartridge belt, dismounted.
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 100 cartridges, ball, cal. .30.
- 1 canteen.
- 1 canteen cover.
- 1 haversack.
- 1 pack carrier.
- 1 meat can.
- 1 bacon can.
- 1 condiment can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 5 shelter-tent pins.
- 1 poncho.
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 toothbrush (furnished by man).
- 1 towel (furnished by man).
- 1 whistle (quartermaster sergeant and sergeants only).
- 1 tag, identification, with tape.

(b) For all first sergeants (except machine-gun and supply companies), color sergeants, musicians, bandmen, detailed cook of band section, and drivers of supply company:

- 1 pistol, cal. .45.
- 1 pistol holster, cal. .45.
- 2 magazines, pistol, extra.
- 1 pistol belt with saber ring (for first sergeants and color sergeants only).
- 1 pistol belt without saberring (for musicians, bandmen, drivers, and detailed cook of band).

## (b) For all first sergeants, etc.—Continued.

- 21 cartridges, ball, pistol, cal. .45.
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 1 canteen.
- 1 canteen cover.
- 1 haversack.
- 1 pack carrier.
- 1 meat can.
- 1 bacon can.
- 1 condiment can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 1 shelter tent pole.
- 5 shelter tent pins.
- 1 poncho (slicker for drivers).
- 1 blanket.
- 1 cake of soap (furnished by man).
- 1 comb (furnished by man).
- 1 socks, pair (furnished by man).
- 1 toothbrush (furnished by man).
- 1 towel (furnished by man).
- 1 bugle with sling (musicians only).
- 1 kit, flag, 2-foot, infantry (musicians only).
- 1 glass, field, with case and strap, type A (musicians only).
- 1 baton (for drum major only).
- 1 instrument (for bandsmen only, excluding drum major).
- 1 music pouch, o. d. (for bandsmen).
- 1 whistle (for first sergeants and musicians).
- 1 identification tag with tape.

## (c) For all mounted orderlies and all mounted men of supply company (except regimental quartermaster sergeant and regimental commissary sergeant):

- 1 United States rifle, cal. .30.
- 1 front sight cover.
- 1 brush and thong.
- 1 oiler and thong case.
- 1 gunsling.
- 1 cartridge belt, mounted (for mounted orderlies only).
- 1 cartridge belt, dismounted (for supply company only).
- 1 pistol, cal. .45 (for mounted orderlies only).
- 1 pistol holster, cal. .45 (for mounted orderlies only).
- 2 magazines, pistol, extra (for mounted orderlies only).
- 1 magazine pocket, web, double (for mounted orderlies only).
- 100 cartridges, ball, cal. .30.
- 21 cartridges, ball, pistol, cal. .45 (for mounted orderlies only).
- 1 first-aid packet.
- 1 pouch for first-aid packet.
- 1 spurs, pair.
- 1 spur straps, pair.
- 1 rifle scabbard.
- 1 canteen.
- 1 canteen cover. } Carried in saddlebags.
- 1 meat can.
- 1 bacon can.
- 1 condiment can.
- 1 cup.
- 1 knife.
- 1 fork.
- 1 spoon.
- 1 shelter tent, half.
- 5 shelter tent pins.
- 1 slicker.
- 1 blanket.
- 1 cake of soap (furnished by man).



- (c) For all mounted orderlies and all mounted men of supply company, etc.—Contd.
- 1 comb (furnished by man).
  - 1 socks, pair (furnished by man).
  - 1 toothbrush (furnished by man).
  - 1 towel (furnished by man).
  - 1 kit, flag, 2-foot, standard (carried by mounted orderlies when ordered by commanding officer).
  - 1 wire cutter.
  - 1 wire-cutter carrier. } For mounted orderlies only.
  - 1 identification tag with tape.
- (d) For regimental and battalion sergeants major, regimental quartermaster sergeant, regimental commissary sergeant, and mounted men of machine-gun company.
- 1 pistol, cal. .45.
  - 1 pistol holster, cal. .45.
  - 2 magazines, pistol, extra.
  - 1 bolo (for machine-gun company only).
  - 1 bolo scabbard (for machine-gun company only).
  - 1 pistol belt with saber ring (for sergeants major, regimental quartermaster and commissary sergeants only).
  - 1 pistol belt without saber ring (for machine-gun company only).
  - 21 cartridges, ball, pistol, cal. .45.
  - 1 first-aid packet.
  - 1 pouch for first-aid packet.
  - 1 spurs, pair.
  - 1 spur straps, pair.
  - 1 canteen
  - 1 canteen cover. } Carried in saddlebags.
  - 1 meat can.
  - 1 bacon can.
  - 1 condiment can.
  - 1 cup.
  - 1 knife.
  - 1 fork.
  - 1 spoon.
  - 1 shelter tent, half.
  - 1 shelter tent pole.
  - 5 shelter tent pins.
  - 1 slicker.
  - 1 blanket.
  - 1 cake of soap (furnished by man).
  - 1 comb (furnished by man).
  - 1 socks, pair (furnished by man).
  - 1 toothbrush (furnished by man).
  - 1 towel (furnished by man).
  - 1 identification tag with tape.
- (e) For all dismounted men of machine-gun company:
- 1 pistol, cal. .45.
  - 1 pistol holster, cal. .45.
  - 2 magazines, pistol, extra.
  - 1 bolo.
  - 1 bolo scabbard.
  - 1 pistol belt without saber ring.
  - 21 cartridges, ball, pistol, cal. .45.
  - 1 first-aid packet.
  - 1 pouch for first-aid packet.
  - 1 canteen.
  - 1 canteen cover
  - 1 haversack.
  - 1 pack carrier.
  - 1 meat can.
  - 1 bacon can.
  - 1 condiment can.
  - 1 cup.
  - 1 knife.
  - 1 fork.
  - 1 spoon.
  - 1 shelter tent, half.

- (e) For all dismounted men of machine-gun company—Continued.
- 1 shelter tent pole.
  - 5 shelter tent pins.
  - 1 poncho.
  - 1 blanket.
  - 1 cake of soap (furnished by man).
  - 1 comb (furnished by man).
  - 1 socks, pair (furnished by man.)
  - 1 tooth brush (furnished by man).
  - 1 towel (furnished by man).
  - 2 glasses, field, type A. } (Carried by noncommissioned officers designated by
  - 1 glass, field, type C. } company commander.)
  - 2 kits, 2-foot, standard. (Carried by men designated by company commander.)
  - 1 identification tag with tape.
- (f) Horse equipment for each enlisted man individually mounted on a horse:
- 1 cavalry bridle, model 1909, or curb bridle, model 1902.
  - 1 watering bridle.
  - 1 currycomb.
  - 1 feed bag } Or 1 nose bag.
  - and }
  - 1 grain bag. }
  - 1 halter headstall.
  - 1 halter strap (or halter tie rope).
  - 1 horse brush.
  - 1 lariat.
  - 1 lariat strap.
  - 1 link.
  - 1 picket pin.
  - 1 saddle, cavalry.
  - 1 saddlebags, pair.
  - 1 saddle blanket.
  - 1 surcingle.
  - 2 horseshoes (1 fore and 1 hind.)
  - 12 horseshoe nails.

NOTE.—The mounted equipment of enlisted men of the supply company mounted on mules is furnished by the Quartermaster Corps. See Table 8.

## DISTRIBUTION OF INTRENCHING TOOLS.

### IN COMPANIES OF BATTALIONS.

- (a) Carried by each squad:
- 1 bolo. } No. 3, rear rank, each odd-numbered squad.
  - 1 bolo scabbard. }
  - 1 hand axe. } No. 3, rear rank, each even-numbered squad.
  - 1 hand-axe carrier. }
  - 1 pick mattock. } No. 1, rear rank.
  - 1 pick-mattock carrier. }
  - 3 shovels. } Nos. 1, 2, and 3, front rank, 1 each.
  - 3 shovel carriers. }
  - 1 wire cutter. } No. 2, rear rank.
  - 1 wire-cutter carrier. }
- (b) Carried by company musicians:
- 1 wire cutter.
  - 1 wire-cutter carrier.
- (c) Carried by first sergeant:
- 1 2-foot rule. (Old model equipment.)
  - or
  - 1 steel tape, 5-foot. (Model 1910 equipment.)

### SURPLUS KITS.

The field kit, which is carried on the person, is supplemented, in Equipment B, by the surplus kit, which is carried in the surplus kit bags.

The surplus kit consists of the following for each man:

- 1 drawers, pair (provided by the man).
- 1 shoes, russet, extra pair (provided by State or man).
- 2 socks, wool, pair (provided by the man).
- 1 undershirt (provided by the man).
- 1 shoe laces, extra pair (provided by the man).
- 1 sweater or 1 coat, service, wool, o. d. (if not worn on person).

There will also be packed in each surplus kit bag the following:

- 1 cleaning rod, jointed
- 1 cleaning rod case.
- 1 housewife, squad.

Surplus kit bags are provided for each organization at the rate of one for each squad, one for the sergeants, and one for the cooks and musicians. In the kit bag of the cooks and musicians may be carried a barber's kit, weight not to exceed 8 pounds. (See page 50.) These bags are marked as prescribed in General Orders, No. 147, War Department, 1911.

The kit of each man will be packed as follows: Socks to be rolled tightly, one pair in the toe of each shoe; shoes placed together, heels at opposite ends, soles outward, wrapped tightly in underwear, and bundle securely tied around the middle by the extra pair of shoe laces; each bundle to be tagged with the company number of the owner. These individual kits will be packed in the surplus kit bag in two layers of four kits each, the sweaters or coats to be neatly folded and packed on the top and sides of the layers, the cleaning rod and case being attached by the thongs on the inside of the bag.

In the field the squad leader will be held responsible for the condition of the surplus kit bag of his squad, and will supervise packing and unpacking. Men will be allowed access to the bags for the purpose of making substitutions, but the bags will be kept completely packed at all times. The bag will be habitually kept at the squad leader's tent.

## COMPONENT PARTS OF SETS AND KITS.

### COMPANY REPAIR KIT, MODEL OF 1903 RIFLE.

[Issued with old model equipment.]

- 1 chest.
- 1 anvil and block.
- 1 bullet jacket extractor.
- 10 drifts. (One each of Nos. 1, 2, 3, 4, 5, 6, 7, and 9, and two of No. 8.)
- 1 hammer, steel.
- 1 pliers, pair.
- 3 screw drivers (Nos. 1, 2, and 3).
- 1 set, No. 1.
- 1 assembling tool.
- 1 block, wood.
- 1 hammer, brass.
- 1 set, No. 2.

### PISTOL CLEANING KIT, MODEL OF 1912.

[For automatic pistol, cal. .45.]

- 1 cleaning box with packing block.
- 10 cleaning rods.
- 10 tongue brushes.
- 10 screw drivers.
- 1 oil can.
- 1 grease pot.

## ARM REPAIR CHEST, MODEL OF 1910.

[Issued only when troops are equipped with model 1910 equipment.]

## 1 arm repair chest, model of 1910, without contents.

## Tools—

- 1 anvil.
- 1 bullet jacket extractor.
- 10 drifts for the following pins and springs—
  - No. 1. Assembling and dismounting base spring.
  - No. 2. Removing trigger and butt-plate pins.
  - No. 3. Starting front sight and sleeve lock pins.
  - No. 4. Drawing-out pins started with No. 3.
  - No. 5. Removing joint, sear, and ejector pins.
  - No. 6. Starting floor plate pin and removing bolt stop.
  - No. 7. Driving out floor plate pin and lower band spring.
  - No. 8. Starting windage screw pin and slide cap pin. (2.)
  - No. 9. Removing pins started with No. 8.
- 1 eyelet awl, for putting eyelets in belt.
- 1 eyelet set.
- 3 files, 6-inch; flat, round, and three-square, with handles.
- 1 hammer, steel.
- 1 hammer, brass.
- 1 handle, tool, containing 10 tools.
- 1 oiler, with cap.
- 2 pliers, flat and round nose.
- 1 saw, crosscut, detachable handle.
- 2 screw drivers, fitting the following screws—
  - No. 1. Guard, large butt plate and butt-plate spring screws.
  - No. 2. Stacking swivel, lower band, butt swivel, small butt plate, upper band, and bayonet screws.
- 1 set No. 1, for upsetting ends of the lower band and stacking swivel screws.
- 1 tool for assembling safety lock on sleeve.
- 1 vise, 1.25 pounds.

## Spare parts for pistol—

- 2 extractors.
- 2 firing-pin springs.
- 1 main spring.
- 2 recoil springs.
- 2 sear springs.
- 2 stock screws.

## Tools for cleaning pistol—

- 10 cleaning rods.
- 10 screw drivers.
- 10 thong brushes.

## Cleaning material—

- 2 pints cosmic.
- 3 pints sperm oil.
- 250 cut patches (Canton flannel).
- 250 cut patches (Tampa flannel).

## Spare parts for rifle—

- 2 bolts.
- 7 firing pins.
- 2 cut-off plungers.
- 2 cut-off springs.
- 2 ejector pins.
- 4 extractors.
- 5 front sight covers.
- 2 lower band screws.
- 2 mainsprings.
- 1 safety lock, complete.
- 2 slide binding screws.
- 4 slide cap pins.
- 3 slides and slide caps, assembled.
- 1 stacking swivel.
- 2 stacking swivel screws.
- 15 strikers.



1 arm repair chest, model of 1910, without contents—Continued.

For shoes—

2 quarts neat's-foot oil.

For belts—

50 eyelets.

50 washers for eyelets.

#### MARKING OUTFIT, MODEL OF 1910, FOR STAMPING LEATHER.

1 dies, stamping, set of 37 (consisting of letters A to Z, Nos. 1 to 8, star, comma, and period).

1 chest.

#### MARKING OUTFIT, MODEL OF 1910, FOR STAMPING METAL.

1 anvil.

1 guide, No. 1.

1 guide, No. 2.

1 guide, No. 3.

1 dies, stamping, set of 37 (consisting of letters A to Z, Nos. 1 to 8, the characters &, comma, and period).

1 mallet.

1 chest.

#### STENCIL OUTFIT.

For headquarters company and regimental headquarters:

1 chest.

1 stencil brush.

1 box stencil paste.

10 number stencils, 0 to 9—1 inch.

10 number stencils, 0 to 9— $\frac{1}{2}$  inch.

28 letter stencils, A to Z, period, and character &—1 inch.

28 letter stencils, A to Z, period, and character &— $\frac{1}{2}$  inch.

1 canteen stencil, headquarters company.

1 haversack stencil, headquarters company.

For supply company:

1 chest.

1 stencil brush.

1 box stencil paste.

10 number stencils, 0 to 9—1 inch.

10 number stencils, 0 to 9— $\frac{1}{2}$  inch.

28 letter stencils, A to Z, period, and character &—1 inch.

28 letter stencils, A to Z, period, and character &— $\frac{1}{2}$  inch.

1 canteen stencil, supply company.

1 haversack stencil, supply company.

For machine-gun company:

1 chest.

1 stencil brush.

1 box stencil paste.

10 number stencils, 0 to 9—1 inch.

10 number stencils, 0 to 9— $\frac{1}{2}$  inch.

28 letter stencils, A to Z, period, and character &—1 inch.

28 letter stencils, A to Z, period, and character &— $\frac{1}{2}$  inch.

1 canteen stencil, machine-gun company.

1 haversack stencil, machine-gun company.

For a company of a battalion:

1 chest.

1 stencil brush.

1 box stencil paste.

10 number stencils, 0 to 9—1 inch.

10 number stencils, 0 to 9— $\frac{1}{2}$  inch.

28 letter stencils, A to Z, period, and character &—1 inch.

28 letter stencils, A to Z, period, and character &— $\frac{1}{2}$  inch.

1 canteen stencil.

1 haversack stencil.

NOTE.—Requisitions should give the regiment and letter of the company for which desired.

COMMISSARY CHEST.

1 chest.	3 openers, can.
2 blades, meat saw, 22-inch. <sup>1</sup>	3 pencils, lumber.
1 pound stove bolts.	1 plier, combination.
1 brace, carpenters.	$\frac{1}{2}$ rosin, pound.
2 candlesticks.	1 saw, hand, cross-cut.
1 cleaver, 8-inch cut. <sup>1</sup>	1 saw, meat, 22-inch.
2 drills, twist.	1 scale, spring balance.
2 faucets, wood.	1 scoop, large.
1 funnel, quart.	1 scoop, small.
1 hammer, claw, and helve.	1 scraper, box.
6 hooks, meat. <sup>1</sup>	1 screw driver.
1 iron, soldering.	1 pound solder, prepared.
1 knife, butcher, 8-inch. <sup>1</sup>	1 steel, butcher's. <sup>1</sup>
1 knife, butcher, 10-inch. <sup>1</sup>	8 sheets, steel, 12 by 12 inches.
1 measure, liquid, quart.	1 steelyard. <sup>1</sup>
6 needles, packing.	1 tap borer.
1 opener, box.	

<sup>1</sup> These articles, when extracted from the set, form the butcher's kit and are carried with equipment A. The remaining articles form a part of equipment B.

List of Books, Papers, and Blank Forms, Company of Infantry, Organized Militia in Volunteer Service.

The articles in the following lists will be carried as follows:

With equipment A. In company field desk. Total weight not to exceed 30 pounds. To be carried in baggage section of the field train. The assortment of the books, papers, and blank forms to be carried in the field desk depend somewhat on conditions and the character of the service expected. It will seldom be necessary to carry more than one month's supply of blank forms. Articles marked (\*) should always be included.

With equipment B. In small chest. With organization in permanent camp, but is stored with equipment B when troops are accompanied with field-train transportation only. This chest to contain all books, papers, and blank forms not in field desk.

RECORDS, REPORTS, AND RETAIN PAPERS.

Name.	Form number.
Muster-in roll.....	3 O. M. or Vol.
Descriptive and assignment cards.....	7 O. M. or Vol.
Descriptive lists*.....	29 A. G. O.
Muster rolls (retained) (last copy)*.....	61 A. G. O.
Pay rolls (retained) (last copy)*.....	28 Q. M. C.
Morning report (current copy)*.....	332 A. G. O.
Sick report (current copy)*.....	339 A. G. O.
Duty roster (current copy)*.....	342 A. G. O.
Field returns (retained).....	26 A. G. O.
Company returns (retained).....	30 A. G. O.
Property book (provided by organization).	
Company fund book (provided by organization).*	
Record of convictions by summary court.....	99 A. G. O.
Correspondence book.....	A. G. O.
Correspondence file.	
Record of sizes of clothing.	
Account of clothing issued to recruit.....	8 O. M. or Vol.
Retain memorandum receipt, quartermaster property.*	
Retain memorandum receipt, ordnance property.*	
Retain memorandum receipt, signal property.*	
Retain memorandum receipt, engineer property.*	
General orders, War Department (file).	
Bulletins, War Department and other departments (file).	
Special orders (file).	

## REGULATIONS AND OTHER PUBLICATIONS.

United States Army Regulations, 1913 (as amended).\*  
 Field Service Regulations, 1914.\*  
 Infantry Drill Regulations, 1911 (as amended).  
 Small Arms Firing Manual, 1913.  
 Manual of Guard Duty, 1914.  
 Manual for Courts-Martial, 1910 (as amended).\*  
 Manual for Army Cooks.  
 Annual Price List of Clothing and Equipage (Cir. 11, Q. M. C., 1913).  
 Price List of Small Arms, etc. (Ordnance publication No. 1879).  
 Directions for measuring clothing (Form No. 164, Q. M. C.).

## BLANK FORMS.

[Estimated supply for six months.]

No.	Name.	Form number.
6	Morning reports.....	332 A. G. O.
6	Sick reports.....	339 A. G. O.
6	Duty rosters.....	342 A. G. O.
6	Company returns.....	30 A. G. O.
6	Field returns.....	26 A. G. O.
30	Descriptive lists.....	29 A. G. O.
9	Muster rolls.....	61 A. G. O.
12	Pay rolls.....	28 Q. M. C.
50	Records of summary court *.....	99 A. G. O.
30	Final statements *.....	16 Q. M. C.
30	Notifications of discharge *.....	3 A. G. O.
25	Discharge certificates, honorable *.....	203 A. G. O.
25	Statements of service *.....	15 A. G. O.
10	Returns of casualties in action.....	149 A. G. O.
2	Ration returns (books of 25 each)*.....	223 Q. M. C.
10	Inventories of effects of deceased soldiers *.....	34 A. G. O.
15	Furloughs *.....	66 A. G. O.
10	Soldier's deposit books.....	41 Q. M. C.
10	Requisitions for clothing.....	213 Q. M. C.
12	Monthly reports of ordnance charges on muster and pay rolls.....	94 O. D.
10	Memorandum receipts.....	448 A. G. O.
10	Reports of survey.....	196 A. G. O.
30	Designation of beneficiary.....	380 A. G. O.
4	Requisitions for blank forms, A. G. O.....	383 A. G. O.
4	Requisitions for blank forms, Q. M. C.....	172 Q. M. C.
9	Inventory and inspection reports.....	1 I. G. D.

## STATIONERY.

Ink.\*  
 Pens.\*  
 Penholders.\*  
 Pencils.\*  
 Rubber erasers.\*  
 Mucilage.  
 Paper fasteners.  
 Rubber bands.  
 Blotting paper.\*  
 Sealing wax.  
 Company seal.  
 Ruler.  
 Pins.  
 Candles.\*  
 Matches.\*  
 Penalty envelopes (100 for six months).\*  
 Letter paper (10 quires for six months).\*  
 Legal cap paper (4 quires for six months).\*  
 Memorandum pads (6 for six months).\*  
 Typewriter (optional). (Not issued.)  
 Typewriter ribbons (optional).  
 Typewriter oil (optional).

**Box, Foot Dressing.**

Small box to be provided by the organization, weight with contents not to exceed 15 pounds. Suggested contents to be provided by the camp infirmary as follows:

- Foot powder (in cans).
- Zinc oxide plaster.
- Iodine.
- Absorbent cotton.
- Roll of antiseptic gauze bandage.
- Corn plasters.
- Nail cutter.
- Corn knife.
- Scissors.

NOTE.—See General Order No. 26, War Department, 1912.

**Farrier's Instrument Pocket Case.**

- 1 canvas roll.
- 1 scalpel.
- 1 hook knife.
- 1 clinical thermometer.
- 1 pair curved scissors.
- 1 pair dressing forceps.
- 1 pair artery forceps.
- 1 director, grooved.
- 1 bistoury, curved, blunt.
- 1 probe.
- 1 skein silk.
- 6 needles, curved.

**Horseshoer's Emergency Equipment.**

- 1 shoeing hammer.
- 1 pincers.
- 1 hoof knife.
- 1 jointed horseshoe, No. 2.
- 1 rasp.
- Horseshoe nails, assorted.
- $\frac{1}{2}$  pound oakum.
- $\frac{1}{4}$ -ounce bottle chlorolin or kresol.

**Squad Housewife.**

- 1 scissors, pair.
- 3 needles, large.
- 24 needles, assorted sizes.
- 20 pins.
- 8 safety pins.
- 1 thread (white, black, and o. d.), card.
- 6 buttons, o. d. shirt.
- 6 buttons, underwear.
- 6 buttons, undershirt.

**Harness Mender.**

- 5 blades, awl, harness.
- 1 handle, awl.
- 6 needles, harness.
- 1 punch, rivet, No. 5.
- $\frac{1}{2}$  rivets and burrs, copper, No. 8, pound.
- 1 set, rivet.
- 1 tar, ounce.
- 2 thread, harness, ounces.

**Veterinary Pannier.**

The contents of a veterinary pannier are not prescribed in detail. A pannier should be equipped with such supplies as are appropriate and necessary for any particular march or expedition. Panniers supplied to organizations having no veterinarians are for use as containers of veterinary medicines and dressings.

The following is a suggested list only. Under ordinary conditions it should suffice for 100 animals for 10 days.

**Medicines:**

- 3 aloes balls.
- $\frac{1}{2}$  pound ammonia, aromatic spirits.
- $\frac{1}{2}$  pound ammonia liniment.
- $\frac{1}{2}$  pound charcoal.
- $\frac{1}{2}$  pound chloro naphtholeum or kreso.
- $\frac{1}{2}$  pound colic mixture.
- $\frac{1}{2}$  pound cosmoline.
- $\frac{1}{2}$  pound iodine tincture.
- $\frac{1}{2}$  pound lime, chloride of.
- 3 ounces mercury, bichloride of.
- $\frac{1}{2}$  pound oil, linseed.
- $\frac{1}{2}$  pound oil, olive.
- $\frac{1}{2}$  pound ointment, antiseptic.
- $\frac{1}{2}$  pound tar, pine.
- $\frac{1}{2}$  pound three sulphates (copper, iron, and zinc).

**Dressings:**

- $\frac{1}{2}$  pound absorbent cotton.
- 1 package antiseptic gauze.

**Bandages:**

- 1 flannel.
- 4 cotton, white.
- 1 pound oakum.
- 1 pound soap, castile.

**NOTE.**—The veterinary supply table published in General Order No. 115, War Department, 1911, gives a list of the veterinary medicines and dressings furnished by the Quartermaster Corps, and the prescribed allowances.

**Field Range No. 1.**

**Component parts of range proper:**

- 1 body, No. 41.
- 1 boiling plate, No. 42.
- 1 Alamo attachment, Nos. 42-A and 42-B.

**Equipment:**

- 6 boilers, Nos. 48, 49, 50, 51, 53, and 54.
- 1 cleaver, 6-inch.
- 1 dipper,  $\frac{1}{2}$ -gallon, No. 55.
- 1 dipper, quart, No. 56.
- 2 forks, small.
- 1 grinder, meat.
- 1 guard, tent, 6 $\frac{1}{2}$  inch.
- 3 knives, butcher, 8-inch.
- 2 lanterns, folding.
- 2 pans, bake, No. 52.
- 1 pipe, smoke, elbow, No. 47.
- 4 pipe, smoke, joints, Nos. 43, 44, 45, and 46.
- 1 saw, meat, 15-inch.
- 1 steel, butchers, 10-inch.
- 1 skimmer, large.
- 2 spoons, large.
- 4 rests, pan, 14-inch, No. 57.

	Pounds.
Weight of range without equipment.....	168
Weight of equipment.....	97

Total..... 265

**Field Range No. 2.**

**Component parts of range proper:**

- 1 body, No. 61.
- 1 boiling plate, No. 62.

**Equipment:**

- 2 boilers, Nos. 50 and 51.
- 1 dipper,  $\frac{1}{2}$  gallon, No. 55.

Equipment—Continued.

2 forks, meat, small.	
1 guard, tent.	
2 knives, butcher, 8-inch.	
1 lantern, folding.	
2 pans, bake, No. 52.	
1 pipe, smoke, elbow, No. 67.	
4 pipe, smoke, joints, Nos. 63, 64, 65, and 66.	
2 rests, pan, 14-inch, No. 57.	
1 saw, meat, 15-inch.	
1 skimmer, small.	
2 spoons, small.	
1 steel, butcher, 10-inch.	Pounds.
Weight of range without equipment.....	97
Weight of equipment.....	46
Total.....	143

Tentage.

The following table shows the number of pins, poles, and stoves (when prescribed) for each kind of tent:

Kind of tent.	Pins.			Poles.							Stoves, etc.			
	Large.	Small.	Shelter.	Pyramidal and tripods.	Ridge, jointed.	Ridge, regulation.	Ridge, tropical.	Shelter tent.	Upright regulation.	Upright, small.	Shields, G. I.	Stoves, regulation.	Stovepipe elbows.	Stovepipe joints.
Hospital, and fly.....	36	26	...	...	...	...	1	...	2	4	1	1	2	6
Pyramidal, large.....	23	23	...	1	...	...	...	...	1	...	...	1	...	5
Pyramidal, small, and fly.....	24	12	...	...	...	...	...	...	1	...	...	1	...	4
Shelter, dismounted.....	...	...	10	...	...	...	...	...	...	...	...	...	...	...
Shelter, mounted.....	...	...	10	...	...	...	...	2	...	...	...	...	...	...
Storage, and fly.....	44	38	...	...	1	...	...	...	3	8	1	1	...	7
Wall, and fly.....	18	26	...	...	...	1	...	...	2	...	1	1	2	7
Ward.....	68	52	...	...	...	...	...	...	4	4	...	...	...	28

Tent pins are issued 220 large per box, and 275 small per box. A. R. 1176 authorizes quartermasters to drop from their property accounts tent pins upon officers' certificate that the articles have been worn out in service.

Pyramidal tents, large, are issued for equipment B, for each company, at the rate of 1 for an office, 1 for storage, and 1 for every 8 enlisted men.

Pyramidal tents, small, are issued for officers only. The allowance in equipment B is 1 for each field officer, 1 for each captain, and 1 for each two lieutenants. The allowance in equipment A is one for each officer above the rank of captain.

For latrines, until latrine screens are manufactured and issued, worn out or obsolete tentage may be used. Until exhausted, conical wall tents may be used in lieu of pyramidal tents, large; and wall tents in lieu of pyramidal tents, small.

Farrier's and Blacksmith's Tools, Set.

1 anvil, small. <sup>1</sup>	1 hardie. <sup>1</sup>
1 apron, leather. <sup>1</sup>	1 knife, farrier. <sup>1</sup>
2 chisels, cold handles.	1 nippers, hoof-cutting. <sup>1</sup>
1 chisel, hot, cleaver. <sup>1</sup>	1 nippers, hoof-paring.
1 chisel, cold, hand. <sup>1</sup>	1 pincers. <sup>1</sup>
1 clinch cutter (buffer). <sup>1</sup>	1 pritchel. <sup>1</sup>
1 clinch iron. <sup>1</sup>	3 punches, hand, round. <sup>1</sup>
1 dividers.	6 rasps, 16-inch. <sup>1</sup>
1 file, flat, bastard, 12-inch.	1 set stock and dies, $\frac{1}{4}$ -inch to $1\frac{1}{4}$ -inch.
1 hammer, ball pein. <sup>1</sup>	1 tong, large. <sup>1</sup>
1 hammer, riveting.	1 vise, small.
1 hammer, shoeing. <sup>1</sup>	2 wrenches, monkey, 18-inch and 12-inch.
1 hammer, sledge.	1 wrench, S.

<sup>1</sup> These articles, when extracted from the set, form the kit of farrier's and blacksmith's tools and form a part of equipment A. The remaining articles are in equipment B.

## Saddler's Tools, Set.

1 awl, collar. <sup>1</sup>	1 knife, shoe.
1 awl, round. <sup>1</sup>	1 nippers, medium.
18 blades, awl, 3 each, 6 sizes. <sup>1</sup>	1 punch, revolving, 6-tube. <sup>1</sup>
1 brush, glue, small.	2 punches, round, Nos. 2 and 9.
1 can, oil.	1 pliers, small.
1 chest, tool, saddler's combination.	1 rule, 36-inch.
1 chisel, cold.	1 screw driver, small.
1 creaser, iron.	1 set, rivet. <sup>1</sup>
1 cup, tin, pint.	1 shears, pair.
1 dividers, pair.	1 slicker, glass.
1 file, round (tapper 6-inch).	1 stone, oil. <sup>1</sup>
1 hammer, riveting. <sup>1</sup>	2 thimbles.
1 hammer, shoe.	1 tickler.
1 hammer, tack.	1 tool, claw.
1 horse, stitching.	1 tool, edge, common. <sup>1</sup>
1 knife, head.	1 vise, small.
1 knife, gauge. <sup>1</sup>	

## Wheelwright's and Carpenter's Tools, Set.

1 ax, hand. <sup>2</sup>	1 plane, jack.
1 auger, hollow.	1 plane, jointer.
8 bits, auger, $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , $2\frac{1}{8}$ , $2\frac{1}{4}$ , and 1 inch.	1 rasp, wood, 12-inch.
1 bit, screw driver. <sup>2</sup>	1 rule, 2-foot. <sup>2</sup>
1 brace, ratchet, 12-inch. <sup>2</sup>	1 saw, hand, rip.
1 calipers, pair.	1 saw, hand, cross-cut. <sup>2</sup>
8 chisels, firmer; $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $1\frac{1}{4}$ , and 2 inch.	1 set, saw, compass, with handle.
6 files, saw, taper, 5-inch. (3 <sup>2</sup> ).	1 screw driver, hand.
1 gauge, thumb, mortise.	1 set, saw. <sup>2</sup>
1 hammer, claw. <sup>2</sup>	1 spoke pointer.
1 knife, drawing.	1 square, try.
1 oiler. <sup>2</sup>	1 square, steel.
1 plane, smooth.	1 stone, oil. <sup>2</sup>
	1 vise, block.
	1 wrench, monkey, 10-inch. <sup>2</sup>

## Escort Wagon and Harness, Complete, Set.

	Where carried.	Number.
Wagon, escort: (Includes running gear, wagon body, 1 tongue, 1 doubletree, 1 leadbar, 4 singletrees, 6 bows, 2 chains, lock, 1 wagon cover, 1 jockey box, 1 tool box with padlock and key, 1 driver's seat and 1 axle wrench.) (Total weight, 1,511 pounds).		1
Wagon equipment:		
Wagon parts, extra (total weight 106 pounds)—		
Blocks, brake.....	In oscillating tool box.....	2
Bolts, king.....	do.....	1
Bolts, tire—		
$\frac{1}{2}$ by $2\frac{1}{4}$ inches.....	do.....	1
$\frac{1}{2}$ by 3 inches.....	do.....	5
Bolts, wagon—		
$\frac{1}{2}$ by $1\frac{1}{2}$ inches.....	do.....	2
$\frac{1}{2}$ by $1\frac{1}{4}$ inches.....	do.....	2
$\frac{1}{2}$ by 2 inches.....	do.....	1

<sup>1</sup> These articles, when extracted from the set, form the saddler's tool kit and form a part of equipment A. The remaining articles are in equipment B.

<sup>2</sup> These articles, when extracted from the set, form the wheelwright's and carpenter's kit and form a part of equipment A. The remaining articles are in equipment B.

*Escort wagon and harness, complete, set—Continued.*

	Where carried.	Number.
Wagon equipment—Continued.		
Wagon parts, extra—Continued.		
Bolts, wagon—Continued.		
$\frac{1}{8}$ by 2 $\frac{1}{2}$ inches.....	In oscillating tool box .....	2
$\frac{1}{8}$ by 3 inches.....	do.....	2
$\frac{1}{8}$ by 11 inches.....	do.....	1
$\frac{1}{8}$ by 4 inches.....	do.....	4
Links, open.....	do.....	3
Nuts, axle.....	do.....	2
Reach.....	On left side of wagon body.....	1
Rivets, iron		
$\frac{1}{8}$ by 1 $\frac{1}{2}$ inches.....	In oscillating tool box .....	6
$\frac{1}{8}$ by 1 $\frac{1}{2}$ inches.....	do.....	4
Tongue.....	On left side of wagon body.....	1
Trees, double.....	Bolted to coupling pole.....	1
Trees, single.....	In oscillating tool box.....	1
Wagon accessories (total weight 83 pounds):		
Ax and helve.....	do.....	1
Bags, nose.....	do.....	4
Brush, horse.....	do.....	1
Bucket, g. i.....	do.....	1
Comb, curry.....	do.....	1
Globe, lantern.....	In lantern in oscillating tool box.....	1
Grease, axle, pounds.....	In oscillating tool box.....	4
Halter and strap.....	do.....	4
Lantern, combination.....	do.....	1
Pickax and helve.....	do.....	1
Rope, $\frac{3}{4}$ -inch, feet.....	do.....	150
Spade.....	do.....	1
Whip.....	In socket.....	1
Wick, lantern.....	In lantern in oscillating tool box.....	1
Wrench, monkey.....	do.....	1
Twine, ball.....	do.....	1
Harness:		
Lead, s. s. (72 pounds).....	On mules.....	2
Wheel, s. s. (90 pounds).....	do.....	2
Harness equipment:		
Harness parts, extra (total weight, 8 $\frac{1}{2}$ pounds)—		
Buckles, $\frac{1}{2}$ inch.....	In jockey box.....	1
Buckles, $\frac{1}{2}$ inch.....	do.....	1
Buckles, 1 inch.....	do.....	1
Buckles, 2 inches.....	do.....	1
Clips, trace.....	In oscillating tool box.....	2
Hames.....	do.....	2
Rings, $\frac{1}{2}$ inch.....	In jockey box.....	1
Rings, 1 inch.....	do.....	1
Rings, 1 $\frac{1}{2}$ inches.....	do.....	1
Rings, 2 inches.....	do.....	1
Snaps, 1 inch.....	do.....	1
Snaps, 1 $\frac{1}{2}$ inches.....	do.....	1
Snaps, 2 inches.....	do.....	1
Straps, hame.....	In oscillating tool box.....	3
Harness accessories (total weight 6 pounds):		
Oil, neat's-foot, gallons.....	do.....	$\frac{1}{2}$
Soap, harness, pounds.....	do.....	1
Sponge.....	do.....	1
Wire, stove, spool.....	do.....	1



*Escort wagon and harness, complete, set--Continued.*

	Where carried.	Number.
Additional supplies to be carried in wagon, which are not included in the "Complete set." These supplies are provided and maintained by organizations:		
Nails, horseshoe, number (1½ pounds).	In oscillating tool box.....	160
Shoes, mule, fitted, number (16 pounds).	.....do.....	16
In campaign (F. S. R. 302)—		
Grain, reserve, pounds .....	In oscillating tool box.....	36
Rations, reserve, number .....	.....do.....	2

The foregoing list of articles is prescribed for each escort wagon and team wherever used.

**Company Barber's Kit.**

Not an article of issue. Will be provided by company fund. See page 40 for how carried.

- 2 brushes, shaving.
- 2 clippers.
- 2 cups.
- 1 hone.
- 6 razors.
- 2 scissors.
- 2 strops, razor.
- 12 towels.

## CARE OF PROPERTY.

### CLEANING AND CARE OF THE U. S. MAGAZINE RIFLE, CAL. .30.

After firing, the rifle should be cleaned not later than the evening of the day on which it was fired. If the cleaning be put off until the next day or later, rusting of the bore will result. If the bore be then cleaned, pitting will be found when the rust is removed.

For cleaning the rifle the following materials are needed:

Barrack cleaning rod (or jointed cleaning rod or thong and brush in the field). Recent issues of barrack cleaning rods are long enough to permit of cleaning of the rifle from the breech.

Cut flannel patches. These should be cut the correct size to fit over the tip of the rod and to pass through the bore with medium pressure. If they be too tight or of poor material, the rod may become stuck in the bore.

A suitable alkaline solution. This may be ammonia, 28 per cent, or a saturated solution of sal soda and water. A saturated solution is made by dissolving as much sal soda in water as the water will take up without leaving a sediment in the bottom of the container. On account of the cost of the ammonia, sal soda should always be used except where it is found impracticable to clean the rifle again on the following day.

Cosmic, No. 80, soft. This is the heavy grease issued in the annual allowance of cleaning materials.

To clean the bore, remove the bolt from the rifle. Rest the muzzle of the rifle on a clean board or place in a cleaning rack. Saturate a flannel patch in the alkaline solution. With the fingers place it in the bolt well, centering it over the entrance to the chamber. Center the patch with the tip of the cleaning rod and slowly push it into the bore. Run it back and forth through the bore, scrubbing the entire bore from breech to muzzle. Repeat this with several more patches wet with the alkaline solution, then *immediately* dry the bore and chamber with clean dry flannel patches, swabbing it in a similar manner. The alkaline solution must not be allowed to remain in or dry in the bore or rust will result. When the bore is dry and clean saturate a flannel patch with cosmic and thoroughly swab the bore with it, allowing a thick coating of cosmic to remain in the bore.

Repeat this cleaning on the following day, first swabbing out all cosmic before using the alkaline solution.

After cleaning the bore the exterior of the rifle should be wiped off with an oily rag. This should always be done after the rifle has been exposed to rain, snow, or very cold weather, and after being handled with sweaty hands.

The bolt and mechanism of the rifle should be lubricated by wiping with a rag saturated in sperm oil.

Occasionally the stock of the rifle should be treated to a coat of linseed oil, well rubbed in with the bare hand.

At formal inspections all arms should be perfectly clean and free from oil, inside and out, in order that the inspector may be able to determine their exact condition. Dirt and gummed oil may be removed from crevices and screw heads by aid of a small stiff paint-brush. After the inspection the bores of the rifles should be greased with cosmic, the mechanism lubricated, and the exterior oiled.

Before firing the rifle wipe all oil from the bore and sights and blacken the sights in the smoke of burning camphor or the flame of a candle.

Paragraph 292, U. S. Army Regulations: Enlisted men will not take their arms apart except by permission of a commissioned officer under proper supervision, and only in the manner prescribed in the descriptive pamphlet of the arm issued by the Ordnance Department. The polishing of blued or browned parts of small arms, rebluing or rebrowning, putting any portion of an arm in a fire, or removing a receiver from a barrel is prohibited. The mutilation of any part by filing or otherwise, and attempts to beautify or change the finish, are prohibited. Pieces will be unloaded before being taken to quarters or tents, and as soon as the men using them are relieved from duty, unless otherwise ordered. The use of tompons (plugs, corks, or pieces of rag in the muzzle) in small arms is forbidden. The prohibition in this paragraph of attempts to beautify or change the finish of arms in the hands of enlisted men is not construed as forbidding the application of raw linseed oil to the wood parts of the arm. This oil is considered necessary for the preservation of the wood, and it may be used for such polishing as can be given by rubbing in one or more coats when necessary. The use of raw linseed oil only will be allowed for redressing, and the application for such purpose of any kind of wax or varnish, including heelball, is strictly prohibited.

### REMOVING METAL FOULING.

When cleaning the rifle, after scrubbing the bore with the alkaline solution and wiping it dry and clean, and before oiling it with cosmic, hold the breech up to the light and examine the bore from the muzzle. If small flakes of metal, in appearance like flakes, smears, or lumps of silver, appear on the rifling near the muzzle and for a few inches down the bore from the muzzle, this is metal fouling from the cupro-nickel jacket of the bullet and should be removed at once by an application of the metal fouling solution. Enlisted men will be instructed that whenever metal fouling appears in their rifles they will immediately take the rifle to their quartermaster sergeant or artificer for the purpose of having this fouling removed. Its removal should not be delayed or the bore will become pitted under the metal fouling. All company officers, quartermaster sergeants, and artificers will be made familiar with the method of removing metal fouling.

The metal fouling solution consists of:

Ammonia, 28 per cent.....	ounces..	6
Water.....	do. ....	4
Ammonium persulphate.....	do. ....	1
Ammonium carbonate.....	grains..	200

The carbonate and persulphate should first be pulverized and mixed together, and the ammonia (28 per cent) and water added. One ounce of ammonium persulphate equals two medium heaping spoonfuls. Two hundred grains of ammonium carbonate equals one medium

heaping spoonful. The spoon referred to is the spoon issued by the Ordnance Department as a part of the individual mess outfit of the soldier.

This solution is sufficient to fill about seven barrels. It can be used twice, but used solution should not be mixed with unused. The following precautions should be observed:

The various bottles containing the ingredients of the solution should always be kept tightly corked and in a cool place.

The solution should always be freshly prepared. It will keep about a month if kept in a cool place, tightly corked in the patent stoppered bottles in which the ammonia (28 per cent) is supplied provided the bottle is always kept tightly corked except when actually pouring it out. It weakens quickly, and in some cases becomes dangerous to the bore of the rifle if exposed to the air.

*Never use the solution in a hot barrel. If the rifle is to be cleaned soon after firing always allow it to cool first.*

Do not allow the solution to get into the mechanism of the rifle or on the stock. It will rust the steel if allowed to evaporate on it, and will burn the wood of the stock.

Always wipe every trace of oil from the bore before using the solution.

To apply the solution:

The barrel of the rifle being cold, remove the bolt, floor plate, magazine spring, and follower. Place a rubber cork tightly in the chamber so as to perfectly seal the chamber near its forward end, and slip a 2-inch length of rubber tube tightly over the muzzle of the rifle. Stand the rifle, muzzle up and barrel vertical, in a rack and carefully pour the solution into the bore until the bore is full and the solution rises in the rubber tube above the muzzle of the bore. Use extreme care in pouring in the solution not to spill any over the exterior of the rifle or on the stock. Pour slowly. A glass funnel will facilitate. If any runs over the outside wipe it off at once. Let the solution remain in the bore for 15 minutes (under no circumstances over 30 minutes). Then invert the rifle and pour it out. Remove the cork and tube and immediately pour water through the bore, then swab the bore perfectly dry with clean, dry flannel patches. The solution should not be allowed to evaporate on the bore or rust will result. Unused solution is colorless, but as it dissolves the metal fouling it assumes a deep blue color. Blue color is always a sign that metal fouling, in more or less quantity, has been present. After drying the bore it should be thoroughly coated with cosmic.

#### CARE OF ARMS IN THE STOREROOM.

The company quartermaster sergeant is responsible for the care of arms which are stored in the company storeroom, or which are not being habitually used by enlisted men. Such arms should be thoroughly cleaned before being placed in store, using the metal fouling solution if necessary. They should be thoroughly greased inside and out with cosmic. Cosmic may be painted on the exterior and parts of the mechanism with a small paint brush. They should be kept in arm chests or arm lockers under lock and key. Under no circumstances should they be kept in cloth or canvas covers, as the cover absorbs moisture and rusts the weapon. If the storeroom is not perfectly dry the arms in store should be examined periodically.

**CLEANING OF THE .22 CALIBER GALLERY PRACTICE RIFLE.**

The bore of this rifle should be given especial attention, as if not properly cared for it deteriorates very rapidly and soon becomes unserviceable. While a small amount of pitting or rusting will not seriously affect the accuracy of the .30 caliber rifle, the same amount will ruin a .22 caliber barrel for accurate shooting, and no amount of subsequent care will restore its accuracy.

As soon as possible after firing has ceased the bore should first be swabbed with a flannel patch saturated with ammonia, 28 per cent. The bore should then be thoroughly dried and cleaned with clean flannel patches until the patches no longer show dirt. It should then be greased with cosmic. This cleaning should be repeated on the following day.

Should the bore show signs of leading it should be scrubbed when dry and clean with a .22 caliber cleaning brush, and then swabbed for some minutes with flannel patches heavily greased with mercurial ointment (blue ointment). When finally set away it should be greased with mercurial ointment instead of with cosmic.

Cartridge holders must be kept scrupulously clean to obtain accurate results. During the firing they may be occasionally dipped in gasoline for this purpose, taking care not to place a cartridge in them until the gasoline has evaporated on account of the effect of the gasoline on the outside lubrication of the cartridge. Guard them carefully from blows or falls which might injure the muzzle, and from dust and dirt. Never allow them to be ejected from the rifle onto the ground. At the end of the firing they should be thoroughly cleaned inside and out, dried and oiled with sperm oil.

Should the gallery practice rifle repeatedly misfire this is probably caused by the point of the striker becoming blunt from striking against the steel firing pin of the cartridge holder, and the substitution of a new striker will obviate the difficulty.

**CLEANING OF THE AUTOMATIC PISTOL, CALIBER .45.**

Draw back the slide and place a cork in the rear end of the chamber to prevent the alkaline solution from entering the mechanism of the pistol. Clean the bore of the pistol from the muzzle exactly as described for the .30 caliber rifle. Except when placed in store no heavy oil should be used on the mechanism of the pistol. Use sperm oil. Dust or dirt, combined with excessive oil, will cause the parts to gum and work stiffly.

**CARE OF LEATHER EQUIPMENT.**

To preserve the life of leather equipments they should be cleaned whenever dirt, grit, or mud has collected on them, or when they have become wet. Climate, frequency of exposure to weather, and wear and tear due to service are so variable that no definite rule can be laid down as to the proper time for cleaning. The condition of the leather alone will determine this. So long as the leather is reasonably pliable, looks and feels well, no oil should be used, and soap and polish sparingly applied. In cleaning, each part should be carefully washed with a sponge moistened with a thick lather made from clean water and castile soap, and then rubbed vigorously until it is thoroughly

dry. If surface polish is desired, apply thick lather made from clear water and Frank Miller's soap, allow leather to dry and then rub thoroughly with a soft cloth.

If leather becomes harsh and dry from exposure to wet or other cause, it will be necessary to oil the equipment. Before oiling, the equipment should be carefully washed as follows:

Take a damp sponge, squeezed nearly dry, rub it on castile soap and manipulate to form a thick lather, apply lather to surface of leather, and let it stand until dry; when dry, remove with a clean damp sponge; spots particularly soiled may be rubbed with a moist soaped cloth. While the surface of the leather is still slightly moist from the washing, apply the neat's-foot oil with a cloth, moistened, but not wet or saturated, with oil.

After the oil has been applied the equipment should be left for some time—a day if practicable—and then thoroughly rubbed with a coarse dry cloth until the surface is clean.

The treatment described above is all that is necessary to keep the equipment in excellent condition. Three or four times a year is generally enough to oil leather under ordinary conditions of continuous service if the equipment is properly cared for. Under exceptional conditions of warm, moist climate or frequent wetting and drying, it should be oiled at shorter intervals, but great care should be taken to avoid excessive use or too frequent use of oil.

If a polish only of personal leather equipment is desired the dressing supplied by the Ordnance Department should be used. Apply it sparingly to the entire surface and then rub briskly with a dry cloth. In no case should the leather be dipped in water or be placed in the sun to dry.

#### CARE OF BLACK LEATHER HARNESS.

To clean and dress black leather, wash it in water (lukewarm preferred) with castile soap. An old horse brush will be found very satisfactory for applying the soap and water. Dry in the shade; when almost dry apply the blacking, rubbing it in thoroughly. Dry in the shade and then apply neat's-foot oil with a sponge or rag, rubbing in well until the leather is soft and pliable. When dry, a certain amount of oil and blacking will exude from the leather; this should be rubbed off with a dry cloth.

All harness should be hung in reasonably dry and well ventilated storerooms, each set by itself, and never left in packing boxes.

#### CARE OF CLOTHING.

Clothing issued to enlisted men should be cared for by the men themselves. Spots should always be removed as soon as possible. Turpentine will take out paint. Grease spots can be removed by placing a piece of brown paper, newspaper, or other absorbent paper over the stain and pressing with a hot iron; or, moisten a clean woolen rag with gasoline, rub the cloth briskly, and press with a hot iron. Clothing should be kept thoroughly brushed, and in the Organized Militia should be pressed at least once a month. Gilt ornaments and buttons should be frequently polished, but bronze ornaments and buttons should be merely wiped clean.

To remove dirt and mud from leggings, haversacks, canteens, and articles of web equipment, wait until dry, and then remove with a stiff brush, care being taken not to abrade the material. In no case should these articles be washed or treated with any description of dressing or other preparation. To remove grease spots or other stains, acids, alkalies, and other strong detergents should not be used. For this purpose gasoline, when available in sufficient quantities for complete immersion of the soiled material, gives the most satisfactory results. In default of this a suds made from water and H. & H. soap (issued as a part of the cleaning and preserving materials by the Ordnance Department) will effect a thorough cleaning. Sufficient suds should be provided to permit of the complete immersion of the article. The soiled part is gently rubbed in clean water. The metal parts are all bronzed, and no effort should be made to polish them.

Woolen articles, particularly those in the storeroom, should be carefully guarded against moths. This is best accomplished by packing them in chests lined first with tar paper, and with a covering of newspaper over the tar paper. Camphor or other moth preparation should be liberally sprinkled between the articles, and the lid of the chest should fit tightly. No article should be placed in a moth-proof chest until it has been thoroughly brushed and aired. If there is any doubt about the presence of moth eggs it should be gone over with gasoline.

#### CARE OF SHOES.

Ordinarily the only care necessary for shoes is to keep them clean and polished. Should the shoes become thoroughly wet they should be filled with dry oats, bran, or sand and dried in the shade; never near a fire. If the leather becomes hard, dry, or stiff the shoes should be given a slight coating of neat's-foot oil, well rubbed in. Too much oil on the shoes will interfere with a proper polish, and with some men may cause burned feet.

For the proper fitting of shoes to enlisted men, and the breaking in of shoes see General Order No. 26, War Department, 1912. Every company should have a copy of this order on file.

#### CARE OF WAGONS IN STORE.

Wagons should be stored in dry buildings without heating plants—never in steam-heated buildings. Before being used they should be thoroughly examined to see that all parts and tires are tight. If the joints are loose the wagons should be put out in the rain or washed with quantities of water. Where there are signs of rust, the parts should be painted at once. After use repairs should be made before storing. Axles should be kept well greased at all times.

#### PROTECTION FROM THEFT.

The following paragraphs from Ordnance Property Regulations are cited for the information of those charged with the care of small arms:

52. \* \* \* When small arms are not in the possession of enlisted men for the performance of military duty, they are required to be locked in the arm racks or the arm lockers. The arm racks are intended for the safe-keeping of the small arms in daily use by the organization to which they have been issued, and the arm lockers for such arms as are not required to be issued frequently to enlisted men.

54. \*...\* When, for any reason, troops in the field are not permitted to be armed at all times, responsible officers will have the pistols and revolvers safeguarded under conditions that will provide for their safe-keeping.

67. The Organized Militia of the several States, Territories, and the District of Columbia are required to have arm racks and arm lockers on hand for the safe-keeping of the small arms issued to them and to see that every possible precaution is taken for their safe-keeping.

68. The several States, Territories, and the District of Columbia are required to provide suitable armories for the safe-keeping of ordnance property of the United States issued to them.

Troops of the Organized Militia, unless they are serving in the field, are required to store the ordnance property issued to them in the armories provided for the purpose.



# WEIGHT OF VARIOUS ARTICLES OF EQUIPMENT.

## ORDNANCE PROPERTY.

	Lb.	oz.
<b>Arms:</b>		
Rifle, U. S., caliber .30.....	9	2½
Bayonet, model 1905.....	1	1
Pistol, caliber .45.....	2	7
<b>Infantry equipment, old model:</b>		
Canteen, infantry.....		14
Cartridge belt, cal. .30.....	1	6½
Cartridge-belt suspenders.....		7½
Cup, aluminum, model 1908.....		4½
Fork.....		1½
Gunsling.....		12
Knife.....		2
Haversack.....	1	5
Spoon.....		1½
Canteen-haversack straps, each.....		7½
Meat can, aluminum.....		13½
Pouch for first-aid packet.....		1½
<b>Infantry equipment, model 1910:</b>		
Arm repair chest.....	40	
Cleaning rod, jointed.....		9½
Cleaning-rod case.....		2
Bayonet scabbard.....		6½
Bolo scabbard.....		8½
Bacon can.....		8½
Canteen.....		6½
Cup.....		7½
Canteen cover.....		5½
Cartridge belt, cal. .30, mounted or dismounted.....	1	8½
Condiment can.....		4½
Fork.....		1½
Haversack.....	1	12½
Pack carrier.....		8½
Knife.....		1½
Meat can.....		13½
Pouch for first-aid packet.....		1½
Spoon.....		2
<b>Intrenching tools:</b>		
Hand ax.....	1	13½
Hand-ax carrier.....		3½
Pick mattock.....	2	4½
Pick-mattock carrier.....		4½
Shovel.....	1	2½
Shovel carrier.....		14½
<b>Ammunition:</b>		
100 rounds, ball, cal. .30.....	5	9
Bandoleer, 60 rounds, ball, cal. .30.....	3.88	
Box of 1,200 rounds, ball, cal. .30.....	99	
1 round, ball, cal. .30.....	1	395

## QUARTERMASTER PROPERTY.

Blanket, old model, o. d.....	5	1
Blanket, light weight (model 1910).....	3	
Shelter tent, half (new model).....	3	
Poncho, new model.....	3	
Shelter-tent pins, new model, set of 5.....		5
Field range No. 1, complete.....	265	
Field range No. 2, complete.....	143	

<sup>1</sup> Grains.

**CAMP CHESTS AND PACKING BOXES.**

Camp chests and packing boxes, 38 by 19 by 15 inches outside measurement, meet nearly all requirements for escort wagon, motor truck, pack animal, or water transport, and accordingly all quartermaster supplies intended for field service will, when practicable, be packed in boxes of such dimensions, constructed of suitable light but durable material (ordinarily not exceeding  $\frac{1}{2}$ -inch sides and 1-inch ends), and bound round the ends and center when necessary with suitable hoop iron or wire, weight not to exceed 150 pounds gross.

Sacking or baling will be substituted for boxes whenever practicable, and when necessary to use smaller boxes same should be exact subdivisions of corresponding dimensions of the standard box.

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